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FIGURE 1

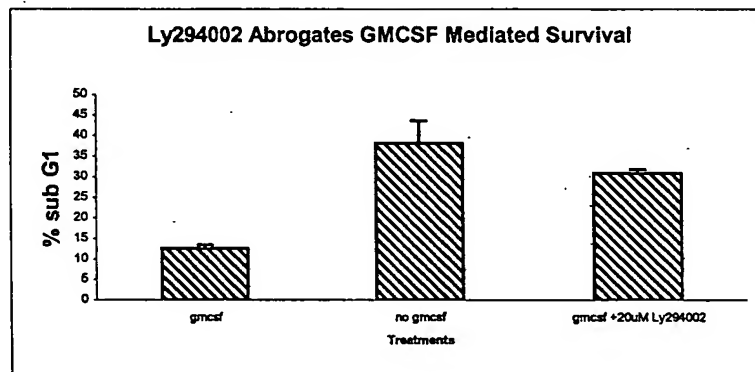
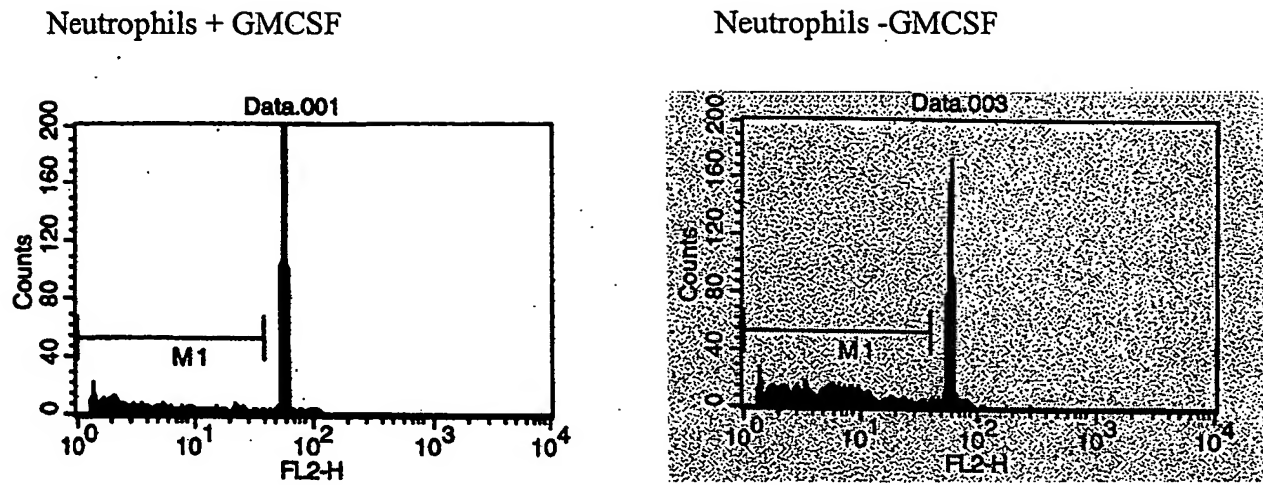


FIGURE 2

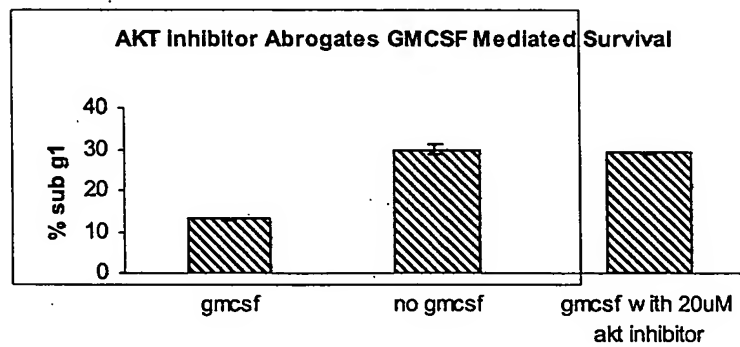


FIGURE 3

FIGURE 4

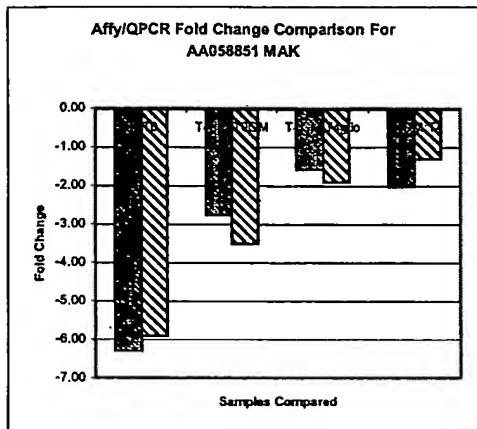
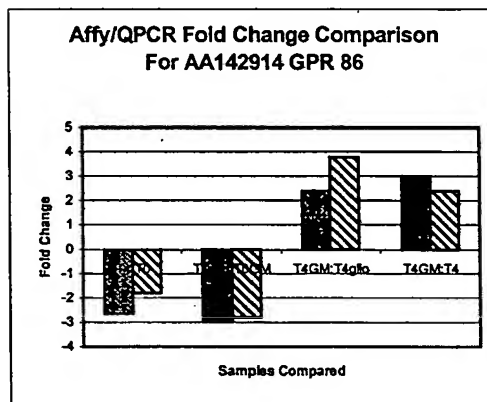
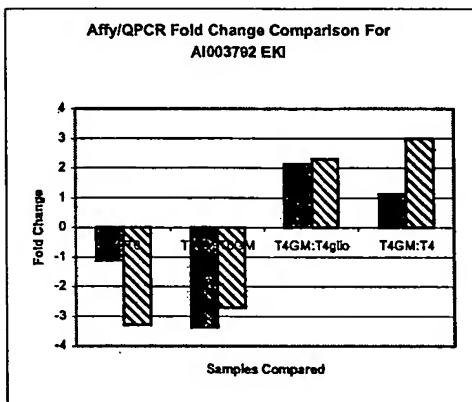
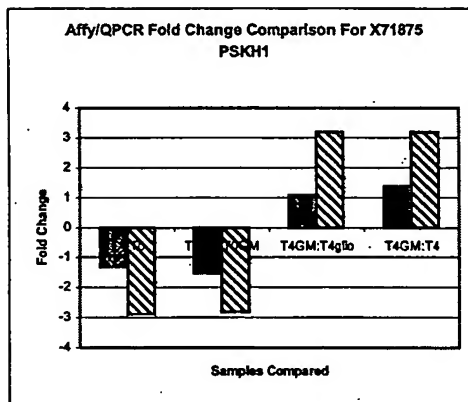
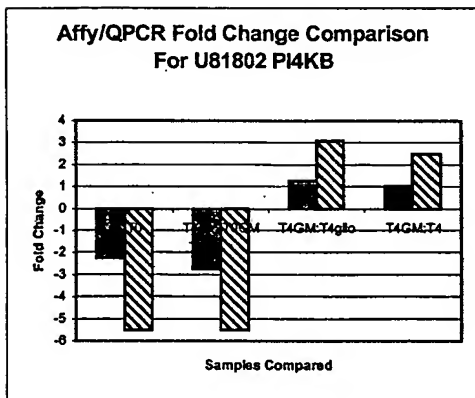
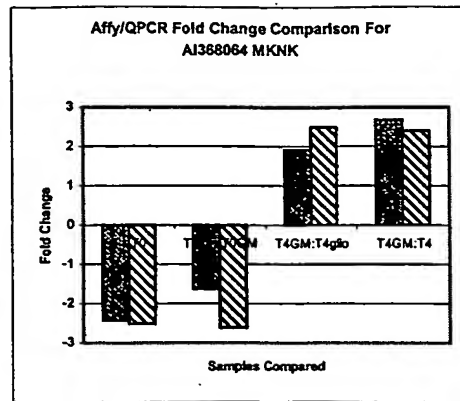
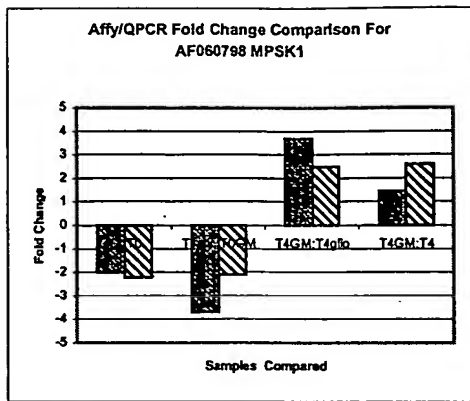


FIGURE 5

	BA2	DAGK	EKI	GPR12	GPR86	GRAF	ITPKG	NTKL	RBSK	ROCK1	ULK1	UKH
SK-BR-3	Breast											SK-BR-3
MDA-MB-175	Breast											MDA-MB-175
MDA-MB-231	Breast											MDA-MB-231
MCF7 RPI	Breast											MCF7 RPI
MDA-MB-435 BAG	Breast											MDA-MB-435 BAG
MCF7	Breast											MCF7
HB4a (C5.2)	Breast											HB4a (C5.2)
HB4a	Breast											HB4a
MDA-MB-468	Breast											MDA-MB-468
CAMA-1	Breast											CAMA-1
AUS65	Breast											AUS65
ZR-75-1	Breast											ZR-75-1
BT-483	Breast											BT-483
BT-474	Breast											BT-474
MDA-MB-436	Breast											MDA-MB-436
C-33A	Cervix											C-33A
HeLa	Cervix											HeLa
COLO205	Colorectal											COLO205
COLO201	Colorectal											COLO201
HCT 116	Colorectal											HCT 116
HT-29	Colorectal											HT-29
SW48	Colorectal											SW48
293 (ATCC)	Kidney											293 (ATCC)
H209	Lung											H209
HOP92	Lung											HOP92
H460	Lung											H460
MSTO211	Lung											MSTO211
A549	Lung											A549
NCH-H69	Lung											NCH-H69
H460a	Lung											H460a
NCH-H322	Lung											NCH-H322
SK-MEL-31	Melanoma											SK-MEL-31
SK-MEL-28	Melanoma											SK-MEL-28
SK-MEL-2	Melanoma											SK-MEL-2
SK-MEL-2(T)	Melanoma											SK-MEL-2(T)
A2058	Melanoma											A2058
IGROV-1	Ovarian											IGROV-1
TOV-112D	Ovarian											TOV-112D
SW626	Ovarian											SW626
TOV-21G	Ovarian											TOV-21G
A2780	Ovarian											A2780
OV-90	Ovarian											OV-90
OVCAR-3	Ovarian											OVCAR-3
SKOV-3	Ovarian											SKOV-3
Caov-3	Ovarian											Caov-3
ES-2	Ovarian											ES-2
MDAH-2774	Ovarian											MDAH-2774
A1165	Pancreatic											A1165
PANC-1	Pancreatic											PANC-1
Capan-1	Pancreatic											Capan-1
Capan-2	Pancreatic											Capan-2
HPAC	Pancreatic											HPAC
MDA-Pca-2b	Prostate											MDA-Pca-2b
RWPE-2	Prostate											RWPE-2
DJ145	Prostate											DJ145
22Rv1	Prostate											22Rv1
PC-3	Prostate											PC-3
RWPE-1	Prostate											RWPE-1
LNcap	Prostate											LNcap
MES-SA	Uterus											MES-SA
KLE	Uterus											KLE



+GMCSF

-GMCSF

FIGURE 6

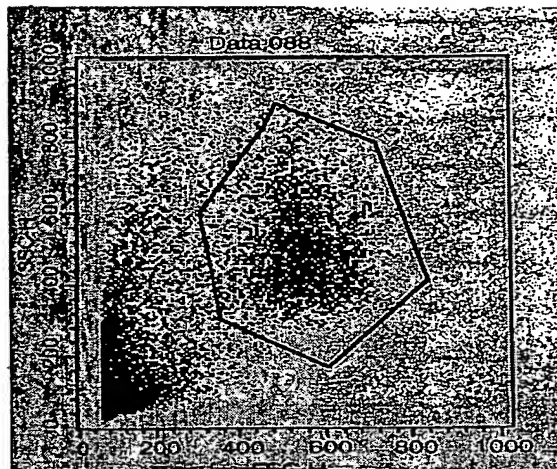
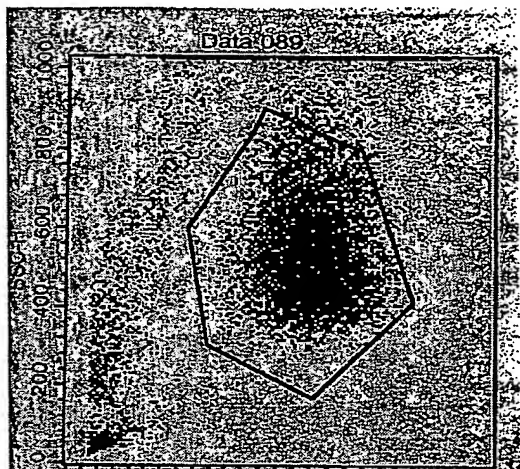


FIGURE 7

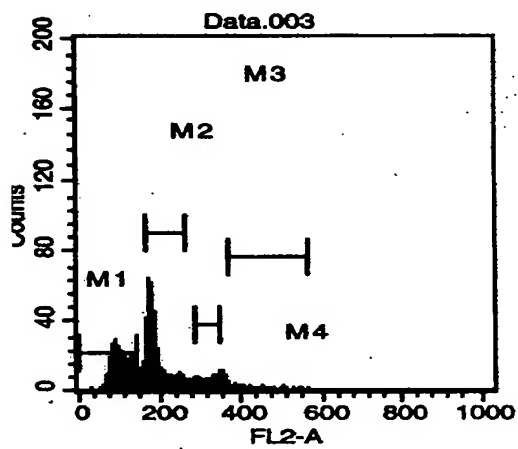
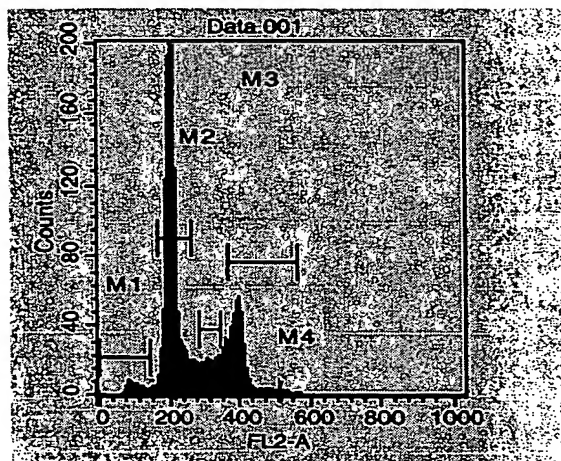


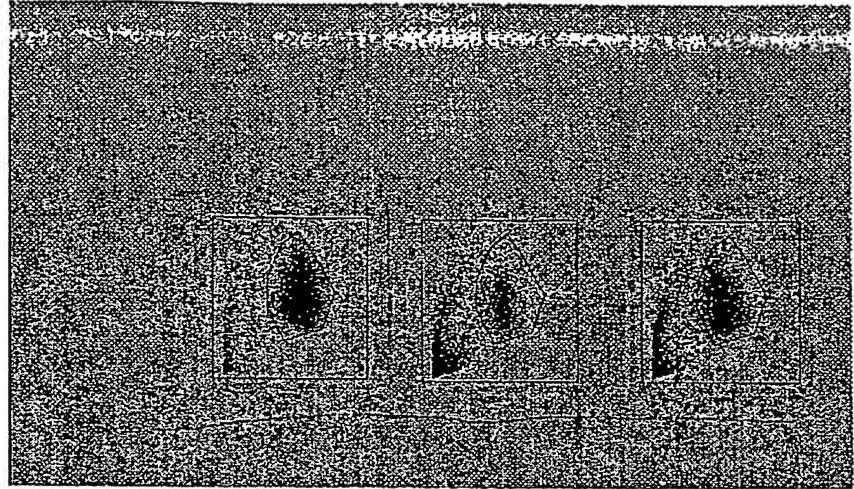
FIGURE 8

Total Population

A)
+GMCSF

B)
-GMCSF

C)
-GMCSF/ Bcl2



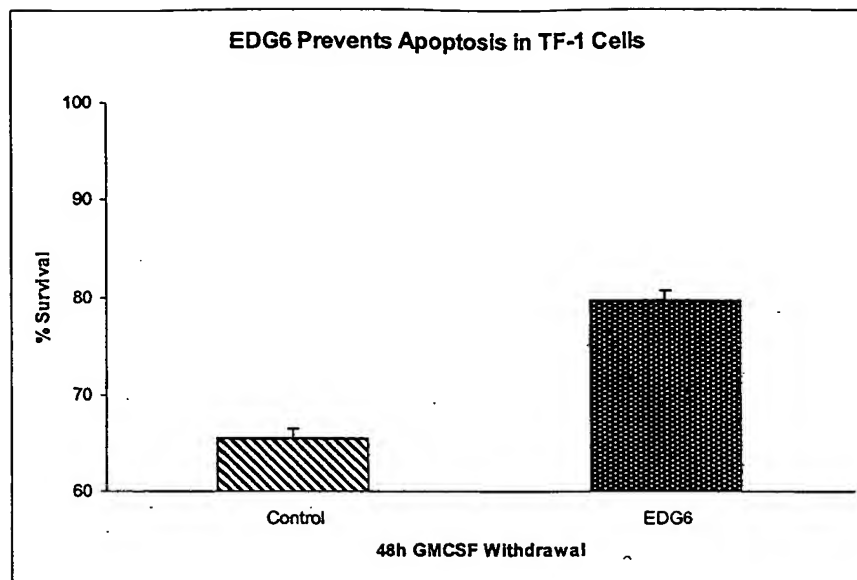


FIGURE 9

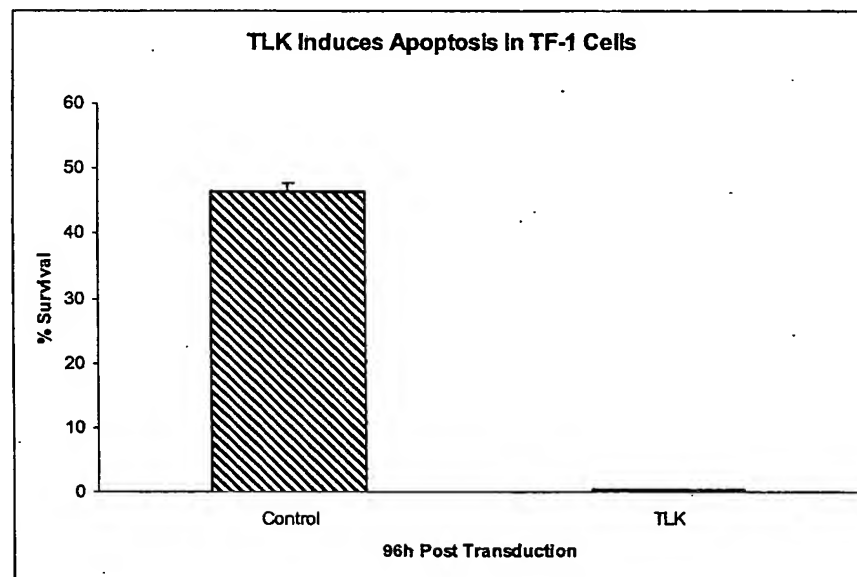


FIGURE 10

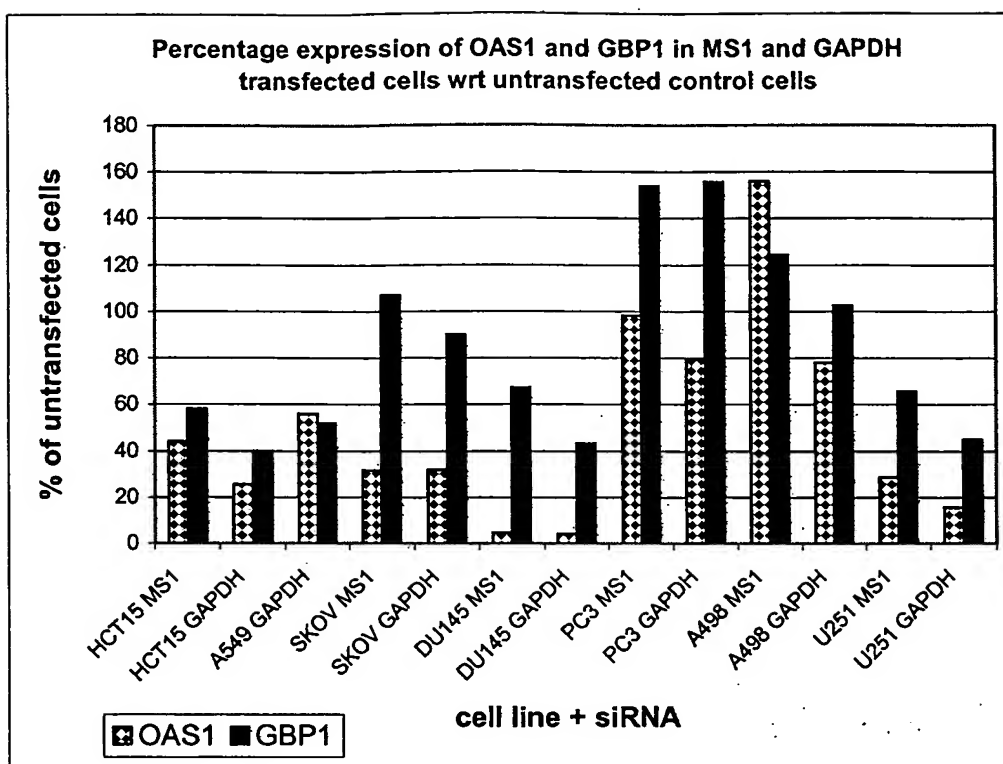
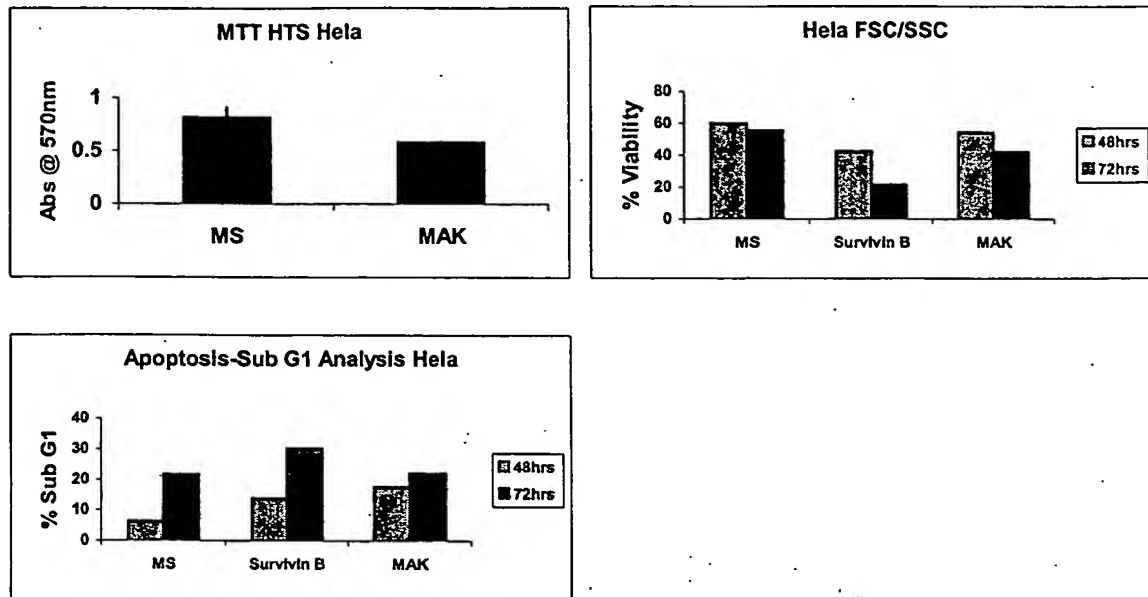


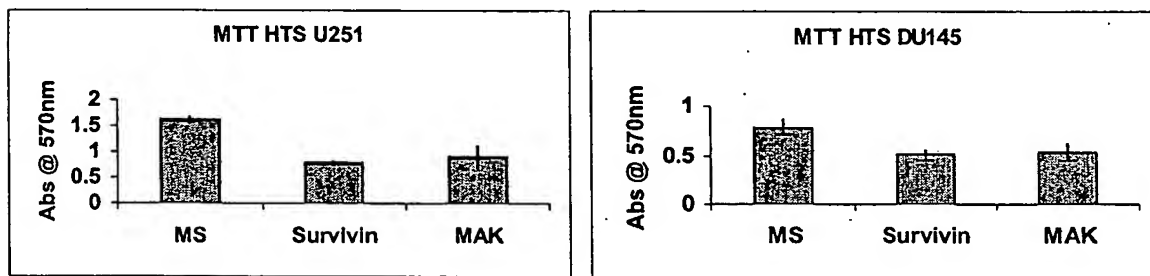
FIGURE 11

Figure 12 Apoptosis modulation by siRNA Knockdown of MAK

(a) Apoptosis in the Hela Cell Line as detected by MTT, FSC/SSC and Sub G1 Analysis.



(b) Apoptosis induced in other Cancer Cell Lines as determined by MTT HTS Analysis.



(c) Knockdown of MAK does not induce Apoptosis in the following cell types as detected by MTT HTS.

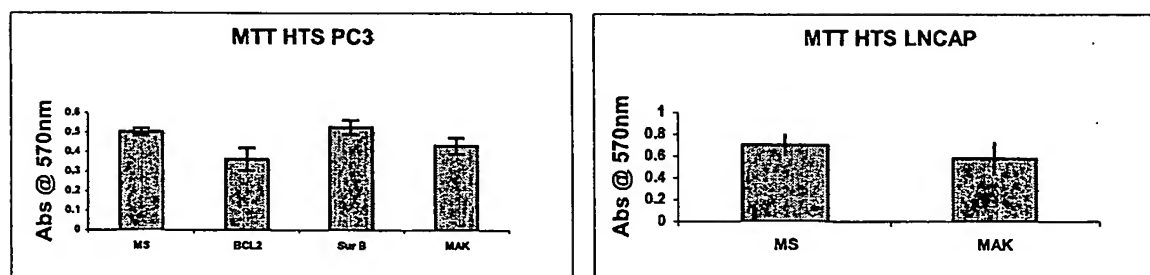
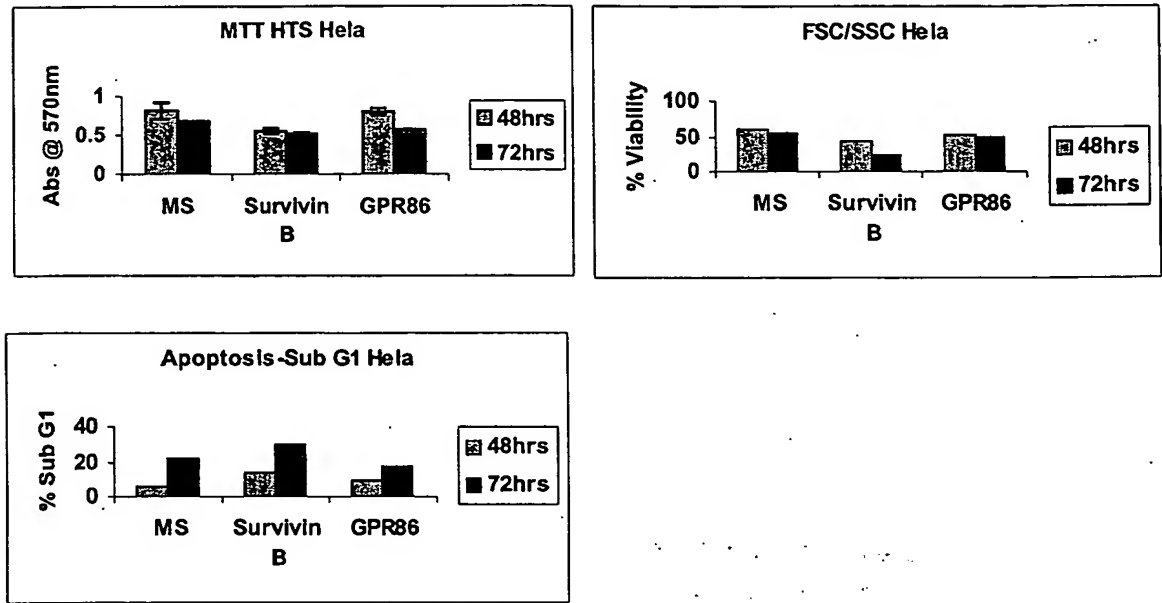
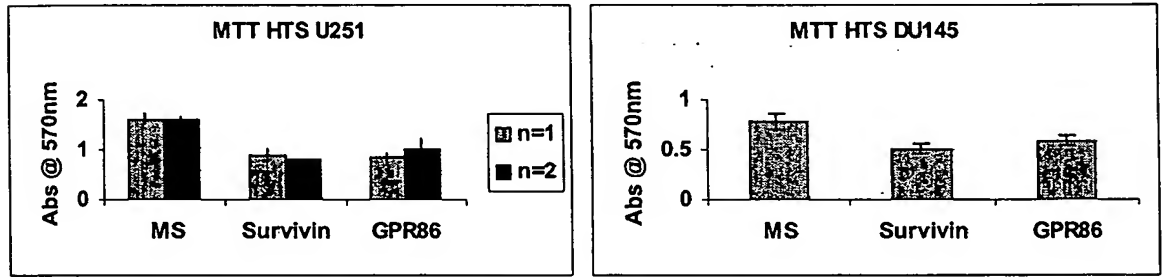


Figure 13 Apoptosis modulation by siRNA Knockdown of GPR86

(a) Apoptosis in the Hela Cell Line as detected by MTT HTS, FSC/SSC and Sub G1 Analysis.



(b) Apoptosis induced in other Cancer Cell Lines as detected by MTT HTS Analysis.



(c) Apoptosis induced in other Cell Lines as detected by FSC/SSC Analysis.

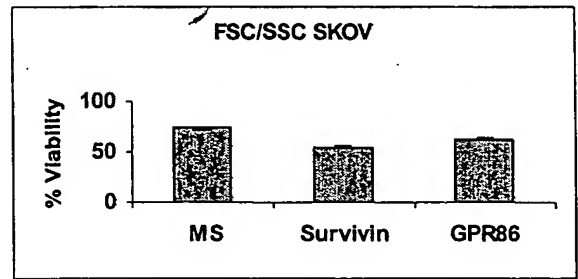
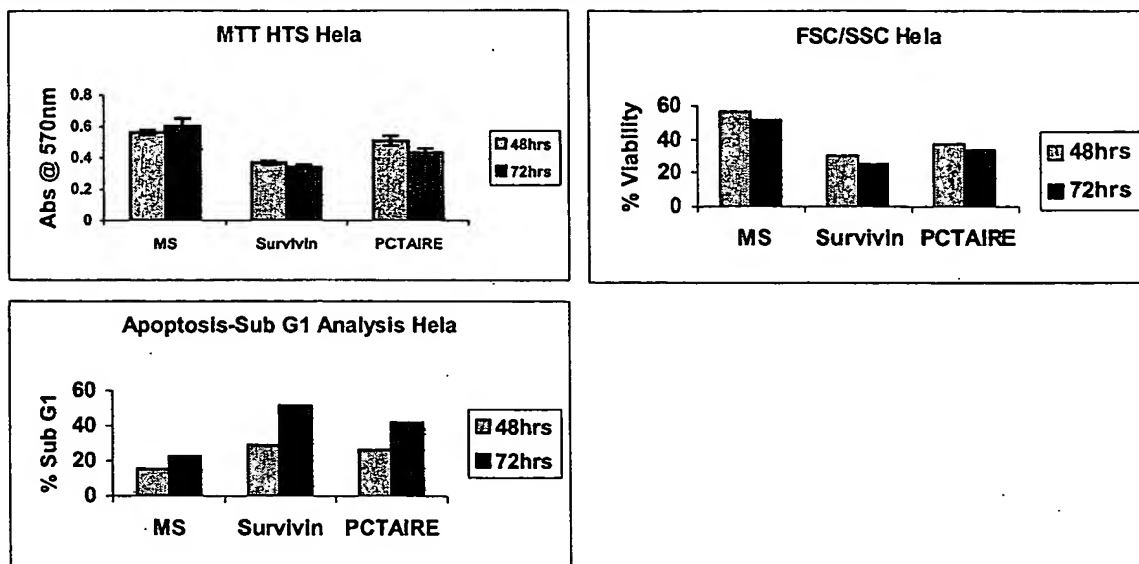
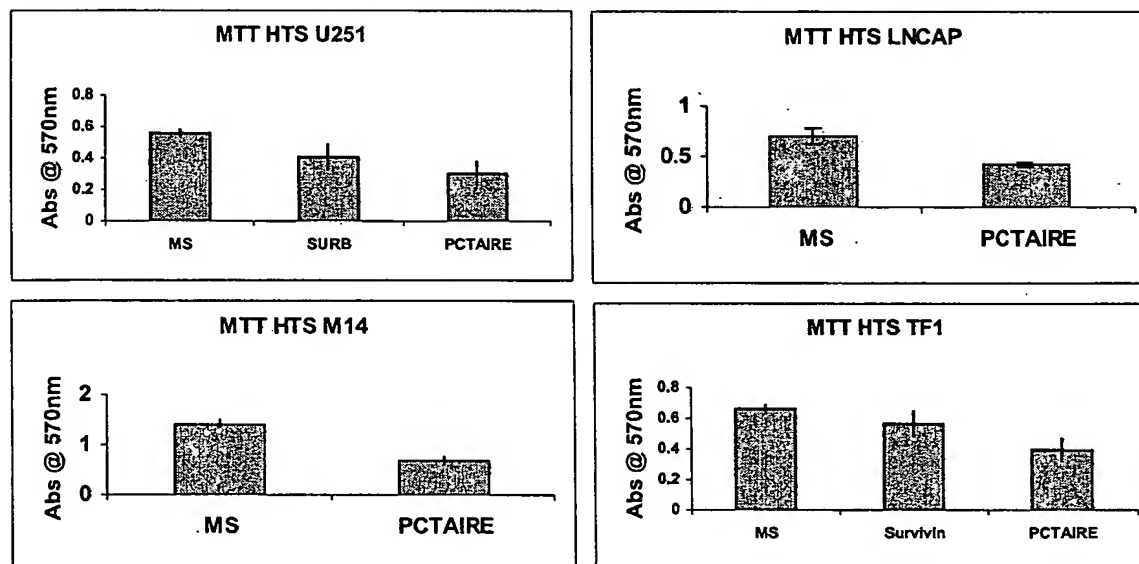


Figure 14 Apoptosis modulation by siRNA Knockdown of PCTAIRE

(a) Apoptosis in the Hela Cell Line as detected by MTT, FSC/SSC and Sub G1 Analysis.



(b) Apoptosis induced in other Cell Lines as detected by MTT HTS Analysis.



(c) Knockdown of PCTAIRE does not induce Apoptosis in the Prostate cancer cell type as detected by MTT HTS.

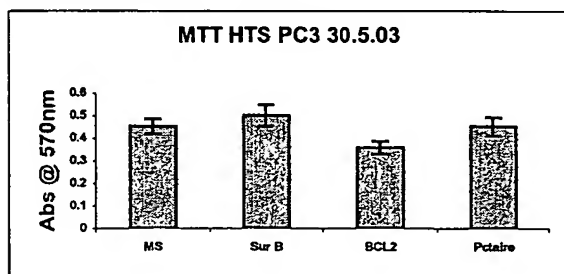
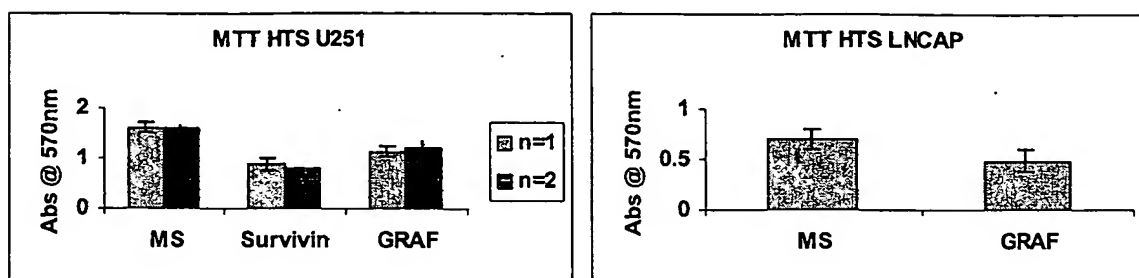


Figure 15 Apoptosis modulation by siRNA Knockdown of GRAF

(a) Apoptosis in Cancer Cell Lines as detected by MTT HTS Analysis.



(b) GRAF knockdown does not induce Apoptosis in the Hela cervical cancer cell line as detected by MTT HTS.

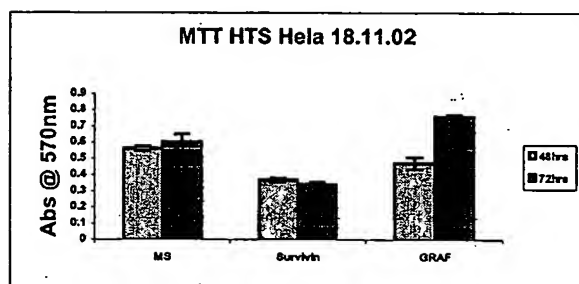
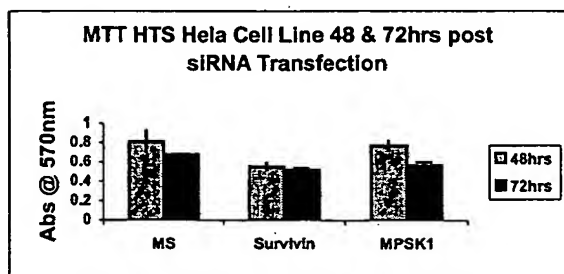


Figure 16 Apoptosis modulation by siRNA Knockdown of MPSK1

(a) Knockdown of MPSK1 does not induce Apoptosis in the Hela cervical cancer cell line as detected by MTT HTS.



(b) Apoptosis induced in Cancer Cell Lines as detected by MTT HTS Analysis.

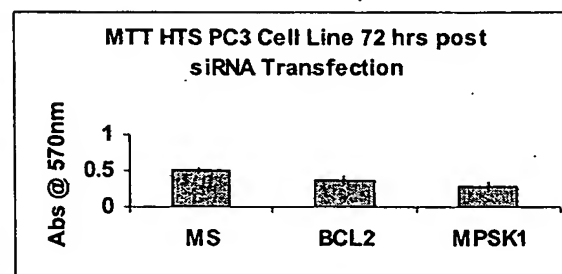
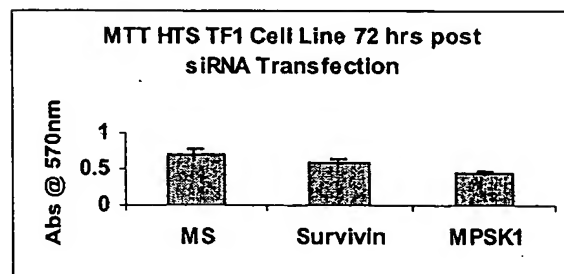
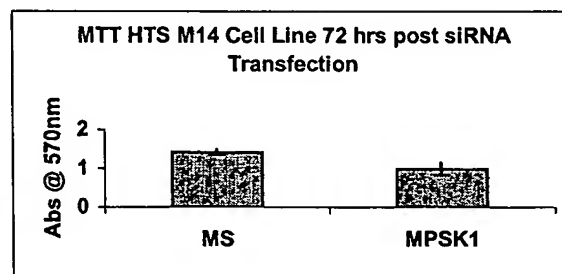
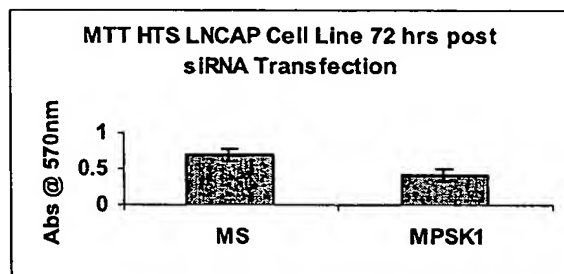
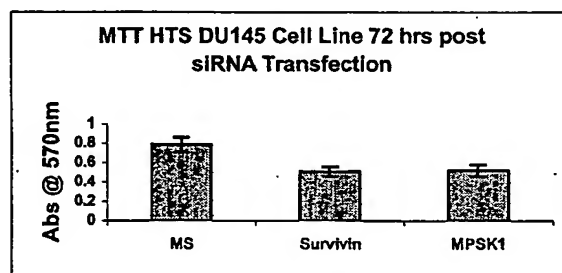
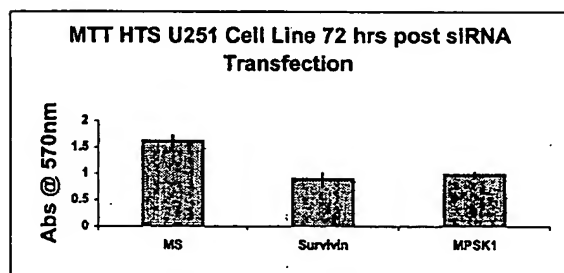


Figure 17 Apoptosis modulation by siRNA Knockdown of RS6PK

(a) Apoptosis induced in the CNS Cancer Cell Line as detected by MTT HTS Analysis.

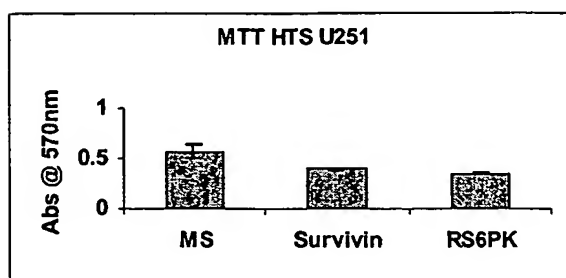
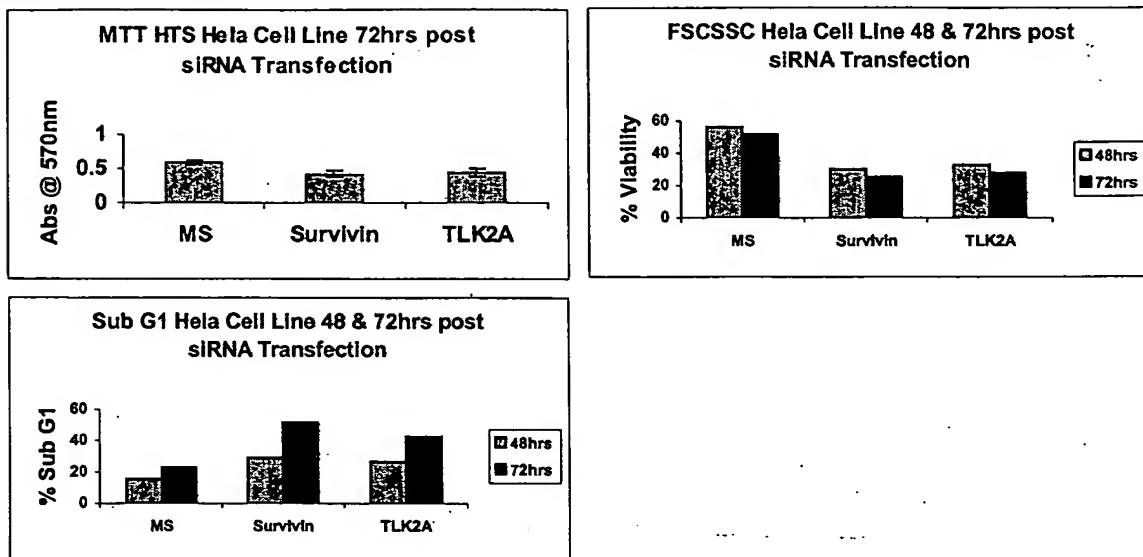


Figure 18 Apoptosis modulation by siRNA Knockdown of TLK2
 Note that 2 siRNA Oligos to TLK2 are investigated i.e. TLK2A and TLK2B.

(a) Apoptosis in the Hela Cell Line as detected by MTT, FSC/SSC and Sub G1 Analysis.



(b) Apoptosis in other Cancer Cell Lines as detected by MTT HTS Analysis.

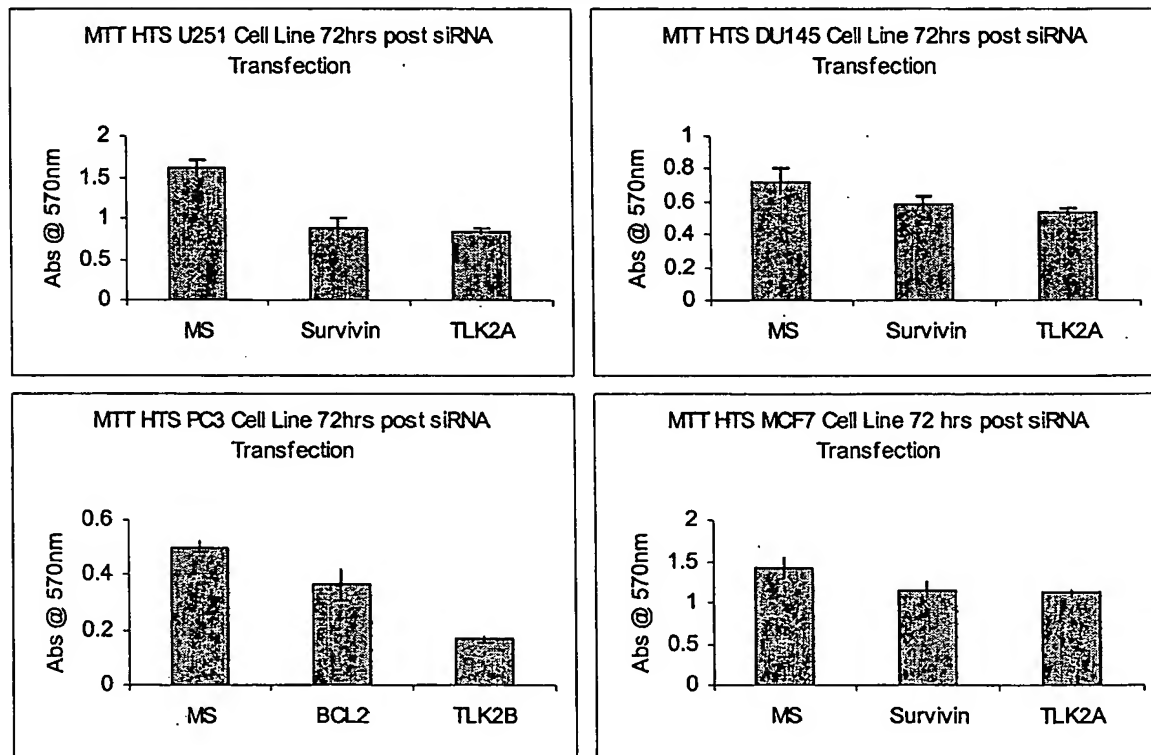
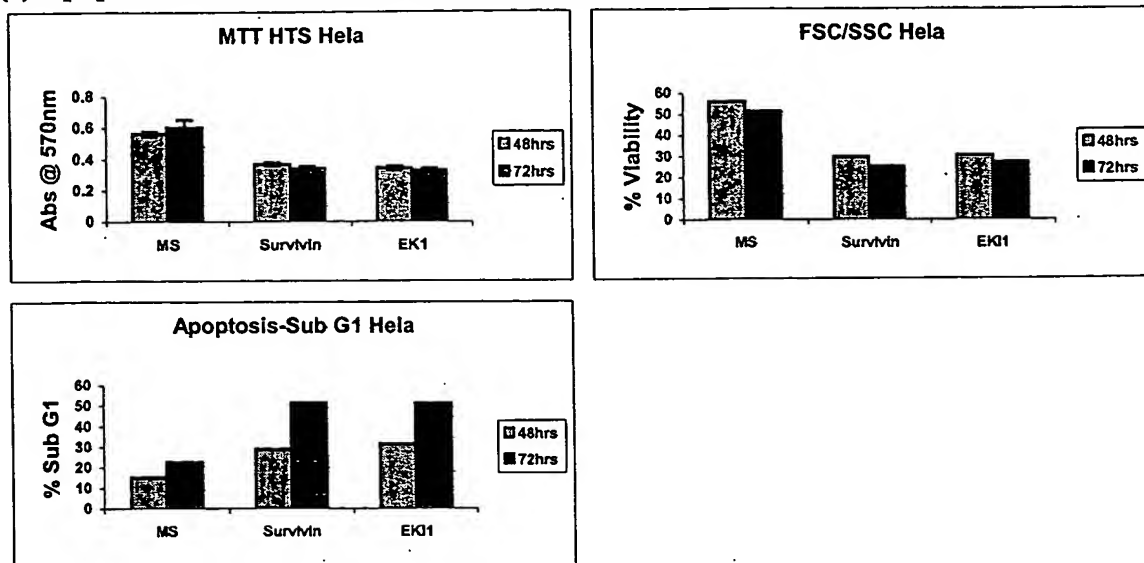


Figure 19 Apoptosis modulation by siRNA Knockdown of EK1

(a) Apoptosis in the Hela Cell Line as detected by MTT, FSC/SSC and Sub G1 Analysis.



(b) Apoptosis in other Cancer Cell Lines as detected by MTT HTS Analysis.

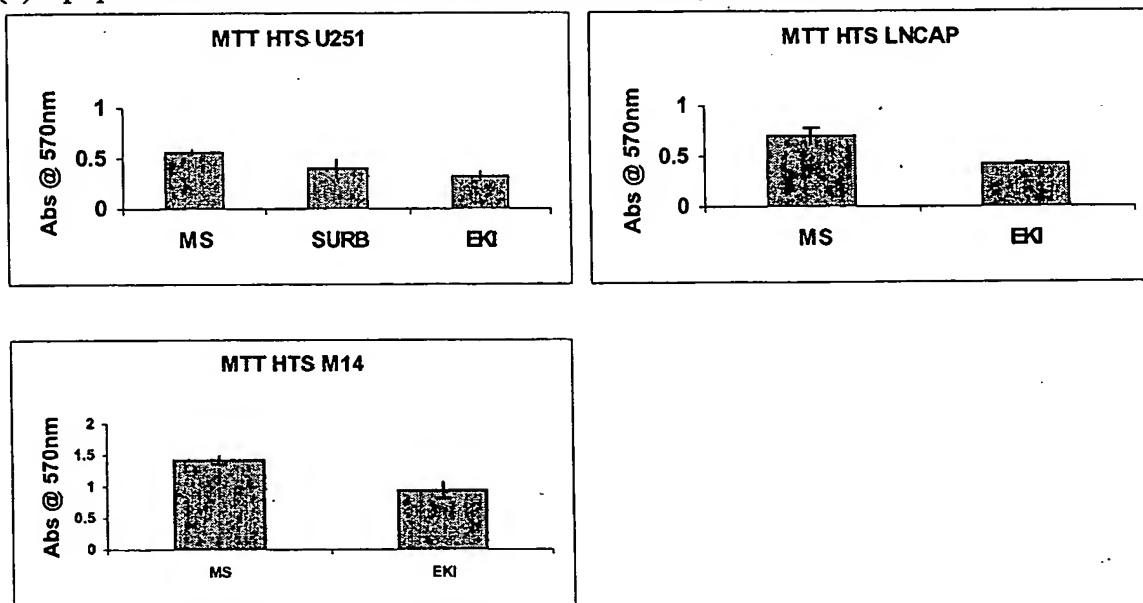
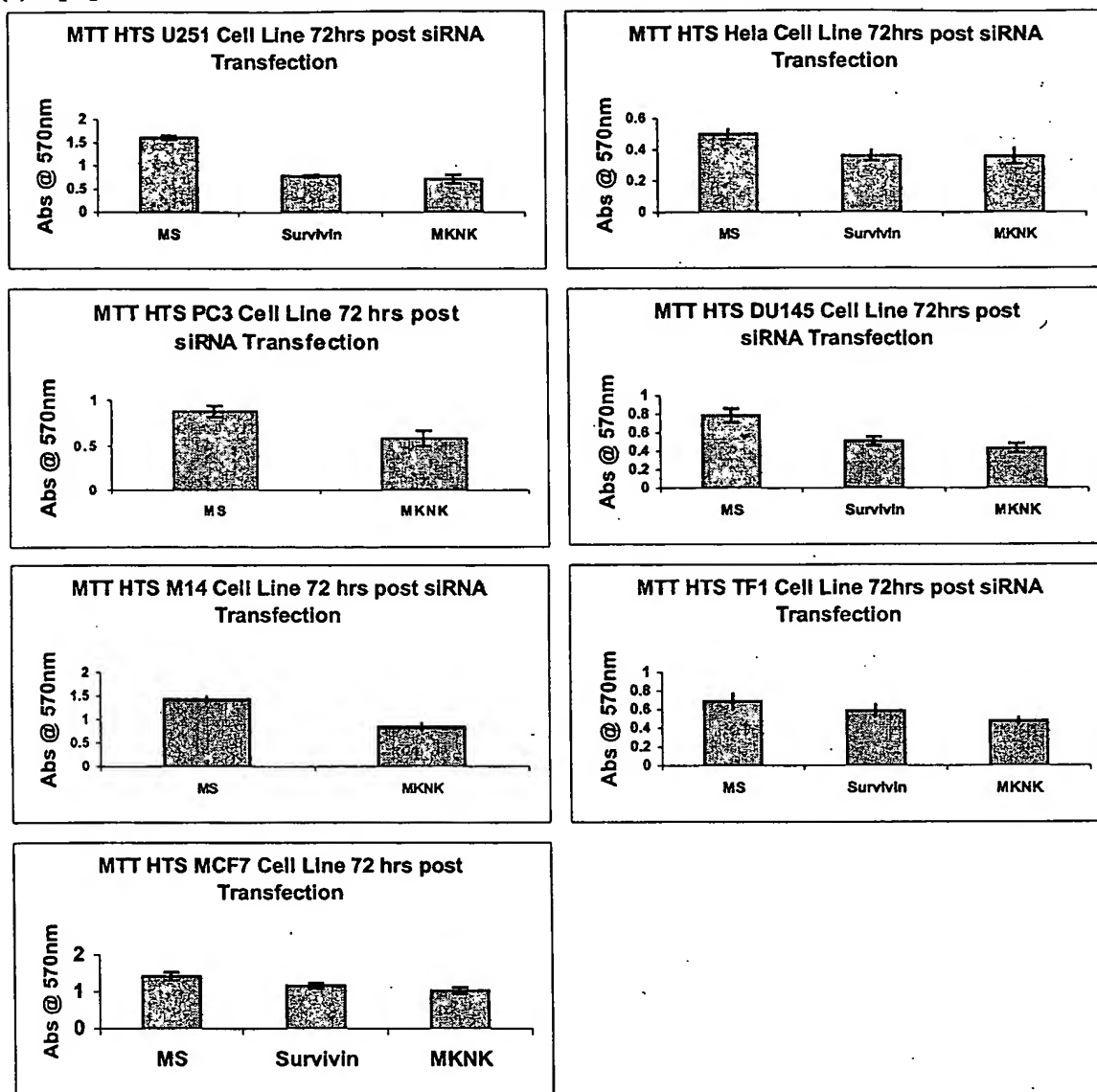


Figure 20 Apoptosis modulation by siRNA Knockdown of MKNK

(a) Apoptosis in Cancer Cell Lines as detected by MTT HTS Analysis.



(B) Apoptosis in SKOV3 Cancer Cell Line as detected by FSC/SSC Analysis.

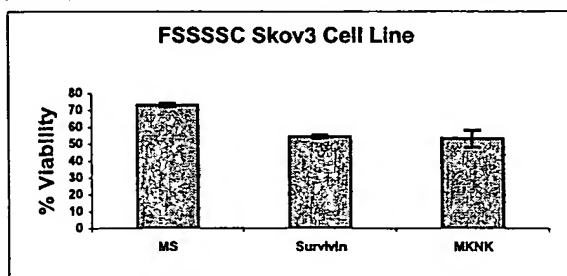
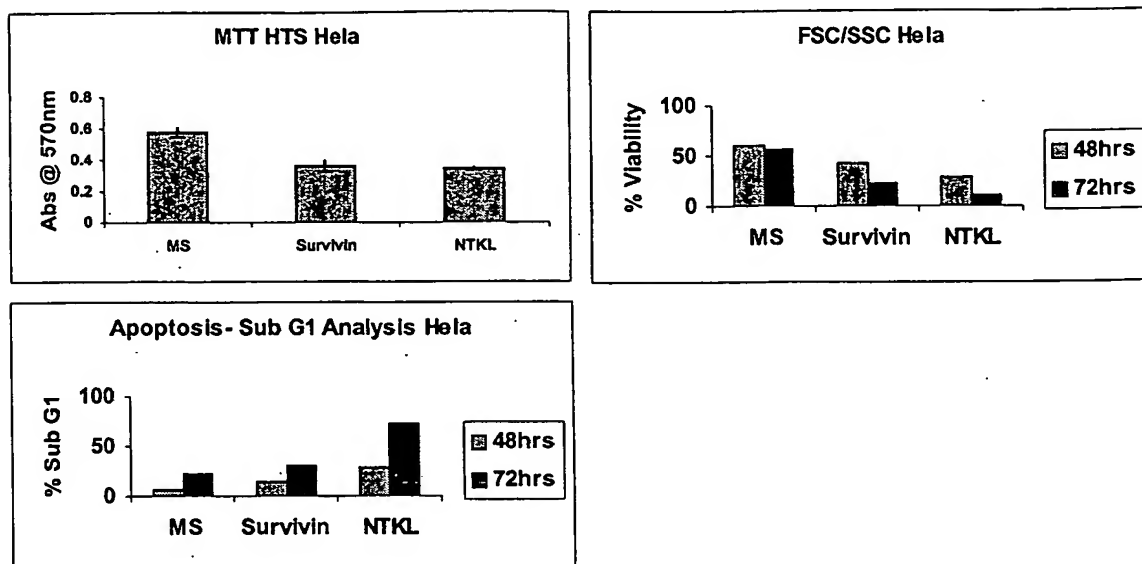


Figure 21 Apoptosis modulation by siRNA Knockdown of NTKL

(a) Apoptosis in the Hela Cell Line as detected by MTT, FSC/SSC and Sub G1 Analysis.



(b) Apoptosis in the U251 Cell Line as detected by MTT HTS, FSC/SSC and Sub G1 Analysis.

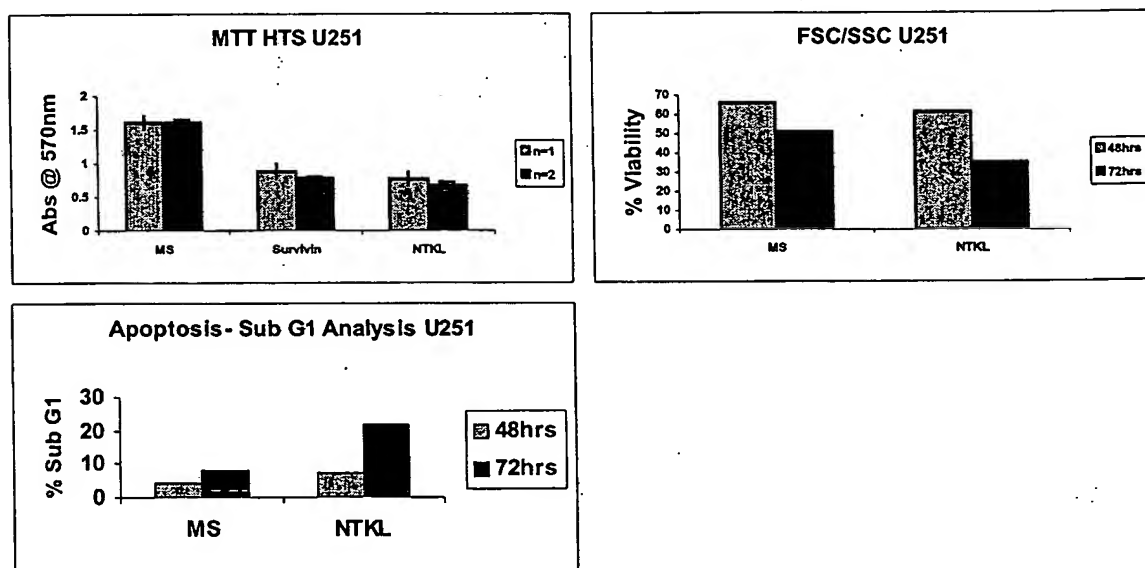
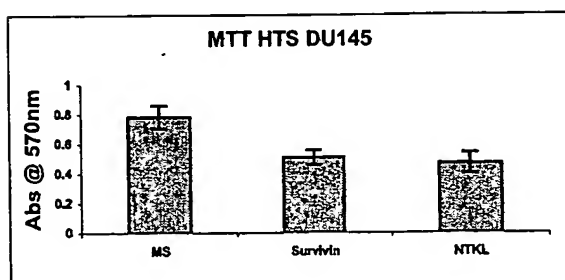


Figure 21 cont'd

(c) Apoptosis in the Prostate Cancer Cell Line DU145 as detected by MTT HTS Analysis.



(d) No Apoptosis was induced in the LNCAP Prostate Cancer Cell Line as detected by MTTHTS Analysis.

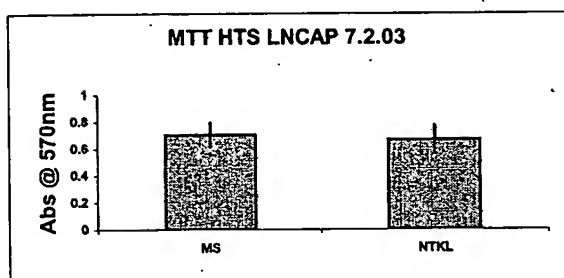
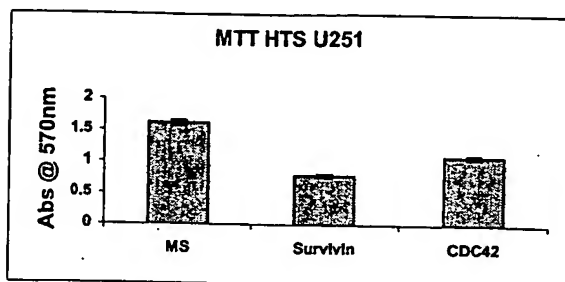
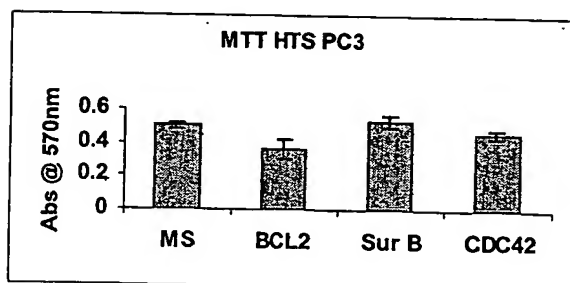


Figure 22 Apoptosis modulation by siRNA Knockdown of CDC42

(a) Apoptosis in the CNS Cancer Cell Line as detected by MTT HTS Analysis.



(b) Apoptosis was not induced in the following Prostate Cancer Cell Line as detected by MTT HTS Analysis.



(c) Apoptosis was not induced in the HeLa cell line by MTT HTS, FSC/SSC or Sub G1 Analysis.

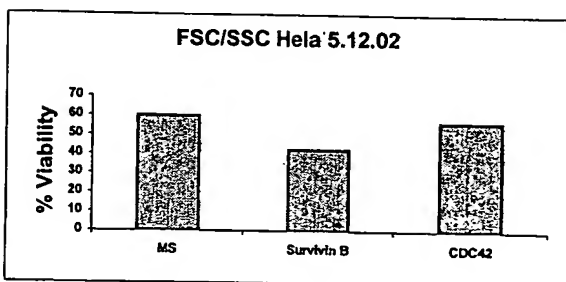
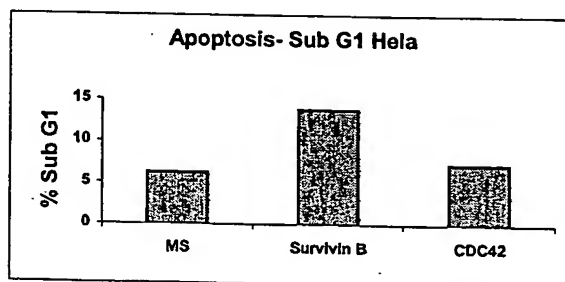
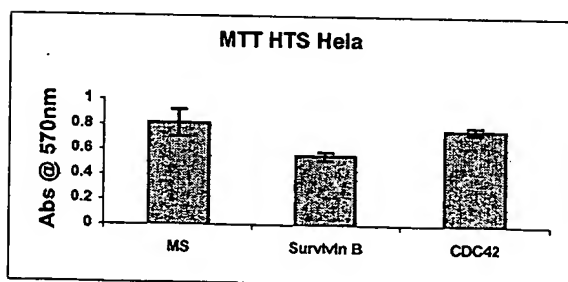
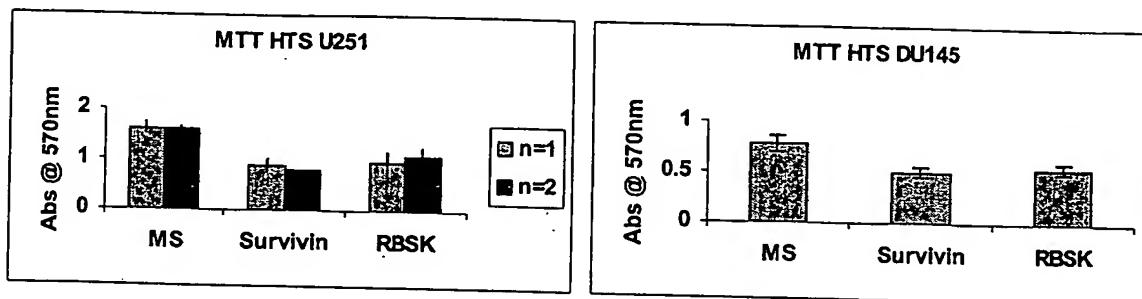


Figure 23 Apoptosis modulation by siRNA Knockdown of RBSK

(a) Apoptosis in Cancer Cell Lines as detected by MTT HTS Analysis.



(b) Apoptosis was not induced in the Hela Cancer Cell Line as detected by MTT HTS, FSC/SSC and Sub G1 Analysis.

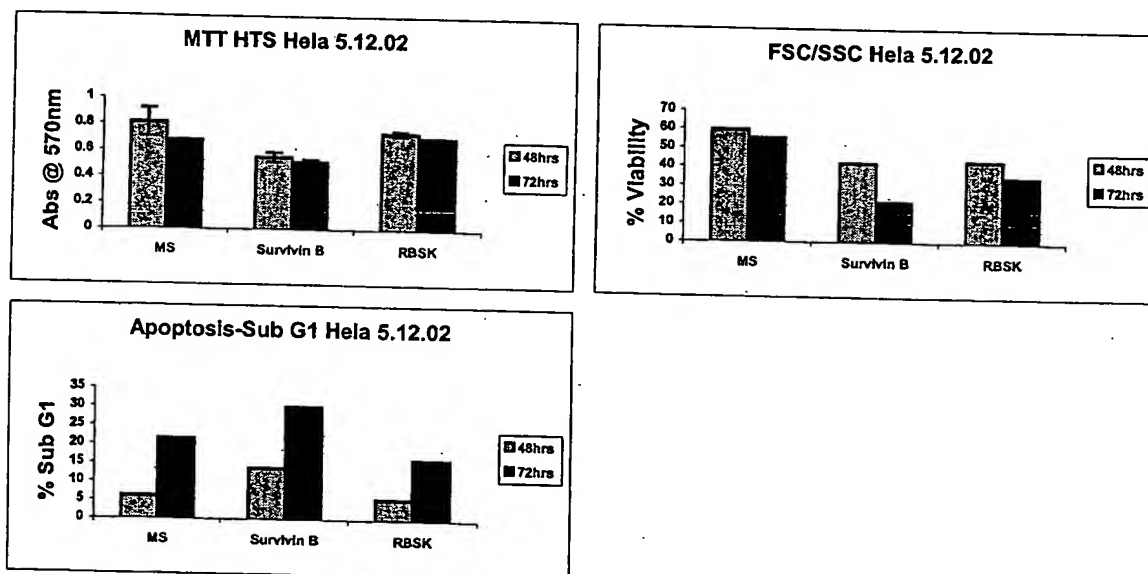
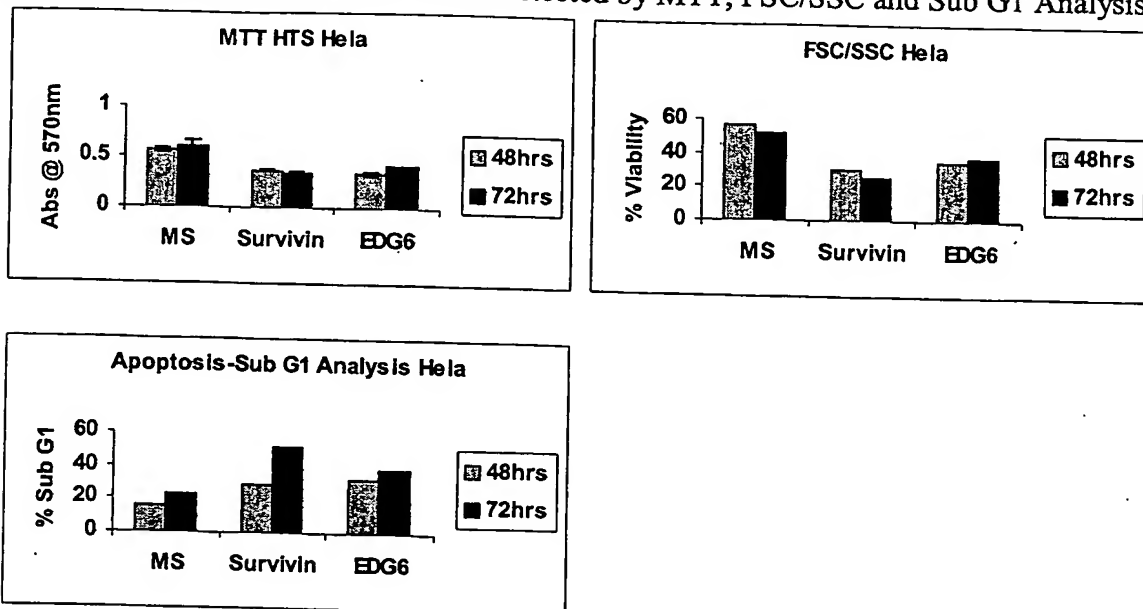


Figure 24 Apoptosis modulation by siRNA Knockdown of EDG6

(a) Apoptosis in the Hela Cell Line as detected by MTT, FSC/SSC and Sub G1 Analysis.



(b) Apoptosis in other Cancer Cell Lines as detected by MTT HTS Analysis.

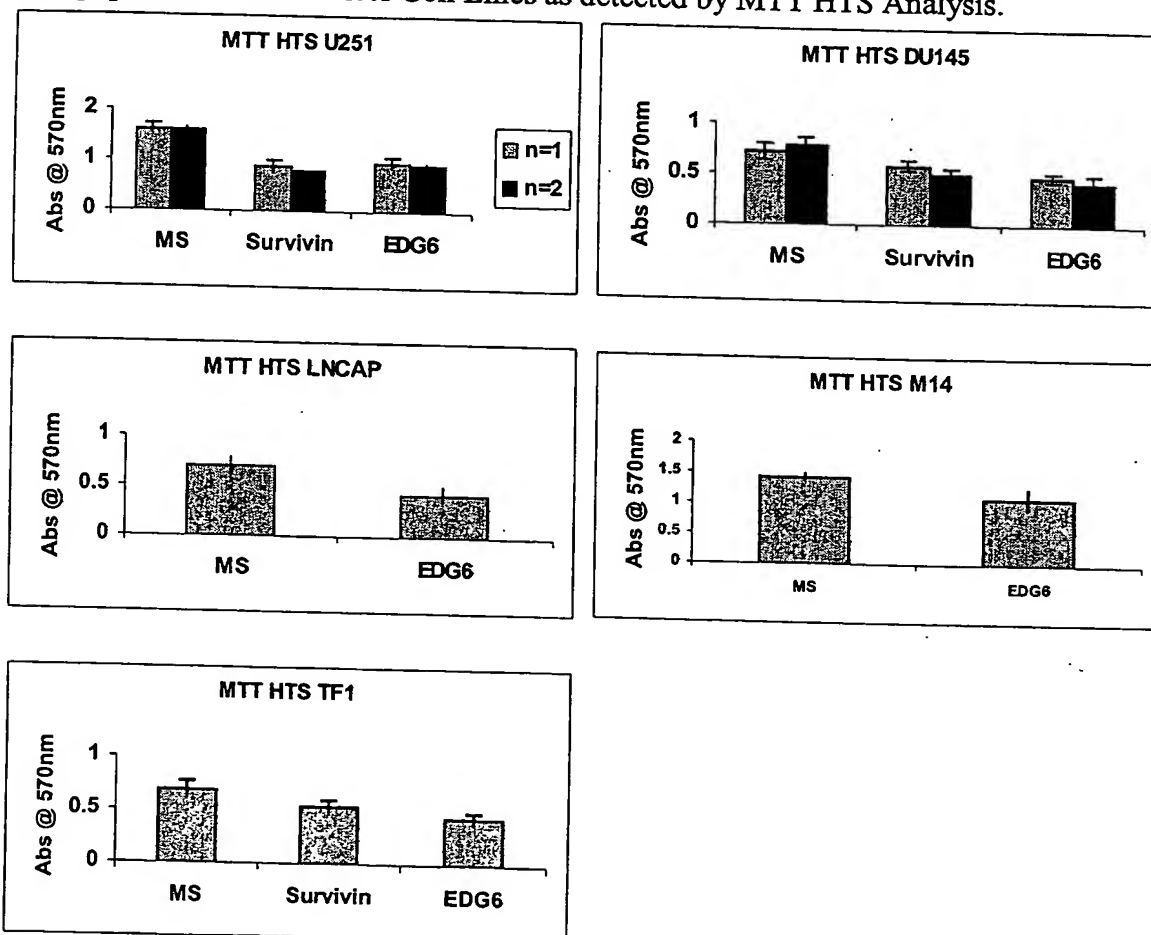
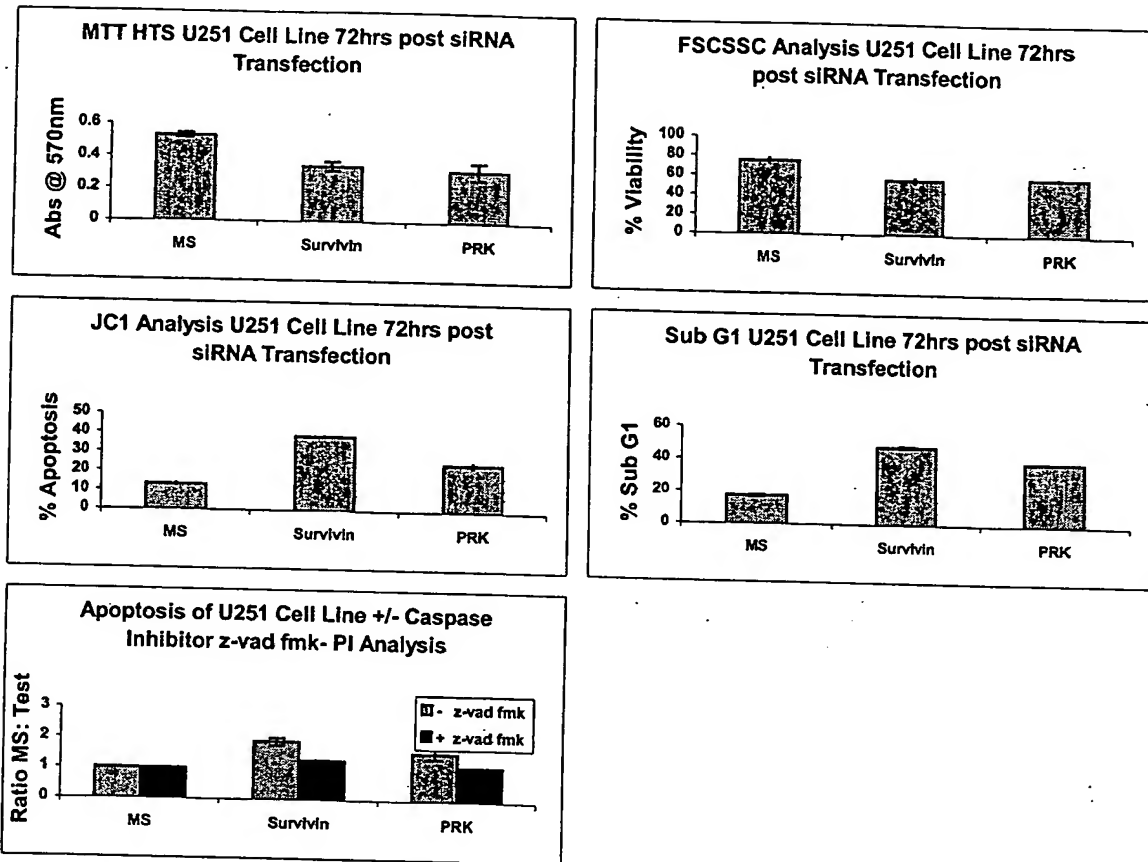


Figure 25 Apoptosis modulation by siRNA Knockdown of PRK

(a) Apoptosis in the U251 Cell Line as detected by MTT, FSC/SSC, Sub G1 Analysis, JC1 and Caspase Activation Assays.



(b) No Apoptosis is induced in the PC3 Cell Line as detected by MTT HTS and Sub G1 Analysis.

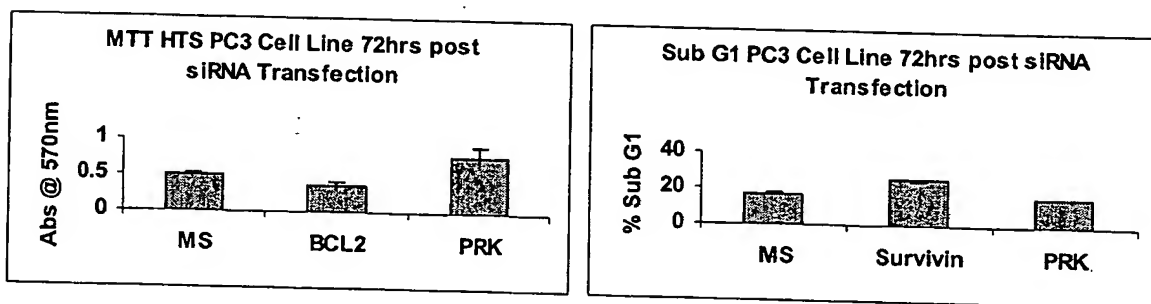
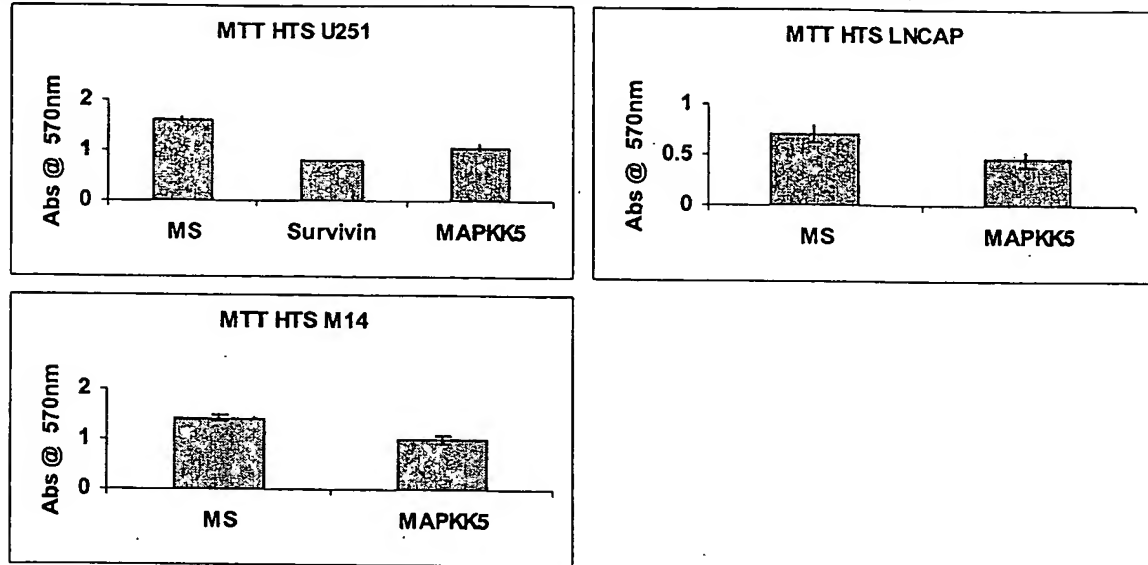
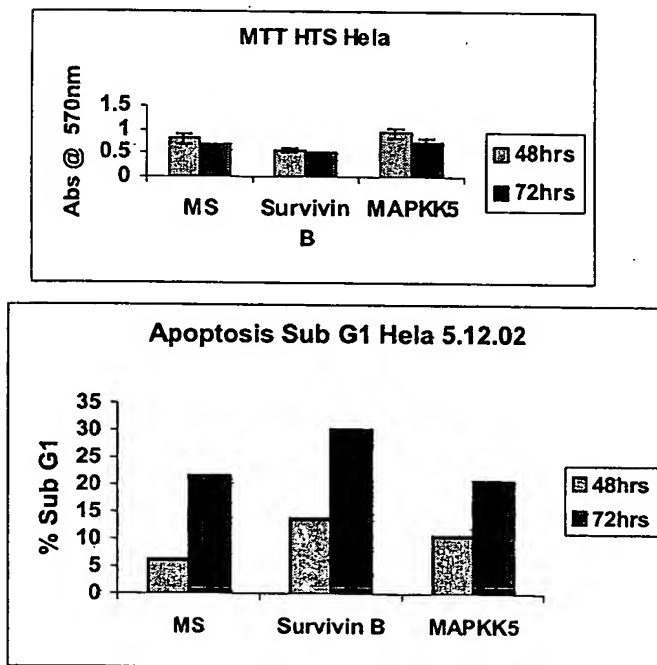


Figure 26 Apoptosis modulation by siRNA Knockdown of MAPKK5

(a) Apoptosis in the Cancer Cell Lines as detected by MTT HTS Analysis.



(b) Apoptosis is not induced in the Hela Cancer Cell Line as detected by MTT HTS or Sub G1 Analysis.



(c) Apoptosis in the DU145 Cell Line as detected by FSC/SSC Analysis.

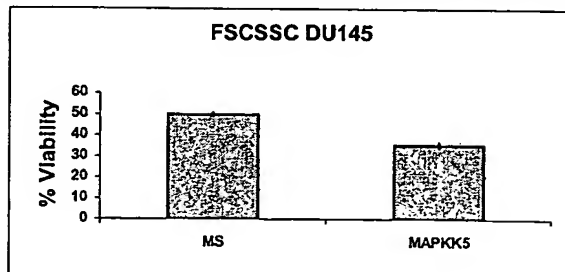
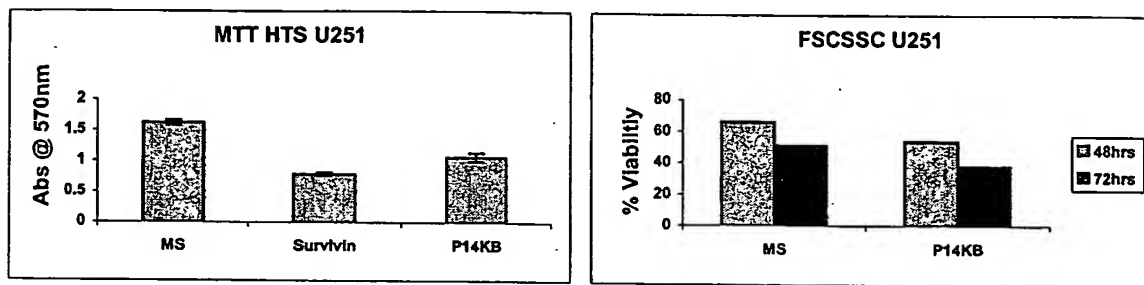
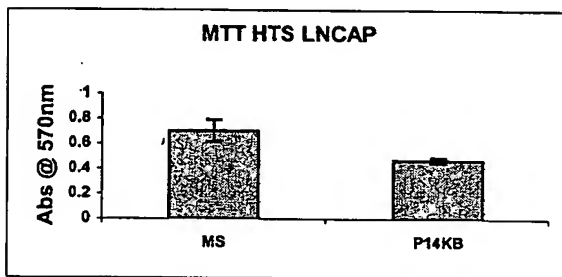


Figure 27 Apoptosis modulation by siRNA Knockdown of P14KB

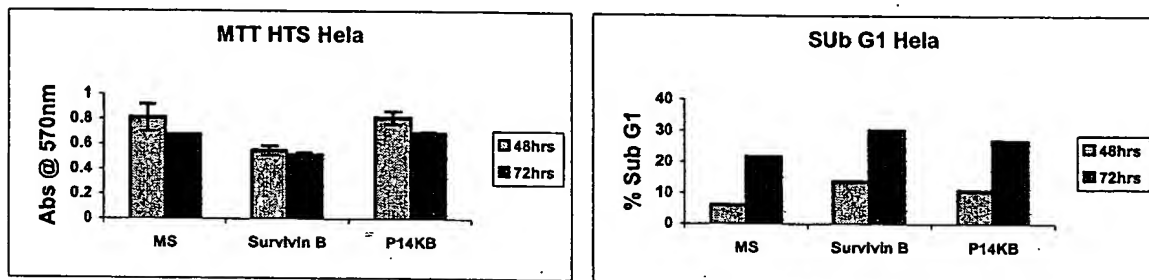
(a) Apoptosis in the U251 Cancer Cell Line as detected by MTT HTS and FSC/SSC Analysis.



(b) Apoptosis in the Prostate Cancer Cell Lines, DU145, as detected by MTT HTS Analysis.



(c) Apoptosis is not induced in the Hela Cancer Cell Line as detected by MTT HTS and Sub G1 Analysis.



(d) Apoptosis is not induced in the PC3 Cancer Cell Line as detected by FSC/SSC Analysis.

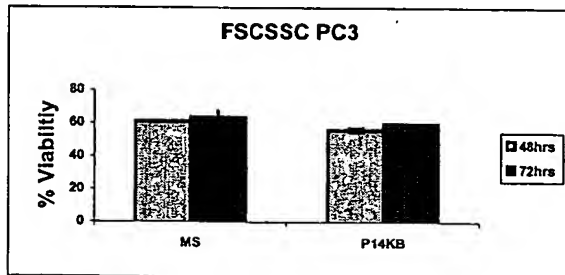


Figure 27 cont'd

(e) Apoptosis is not induced in the OVCAR3 Cancer Cell Line as detected by Sub G1 Analysis.

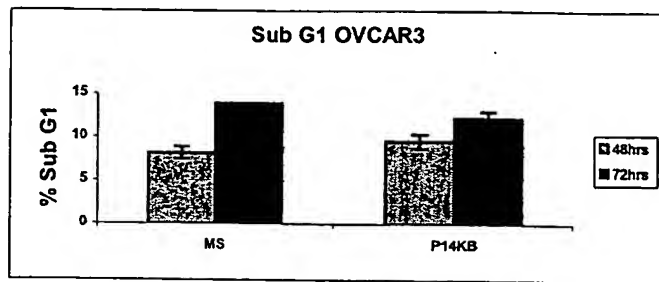
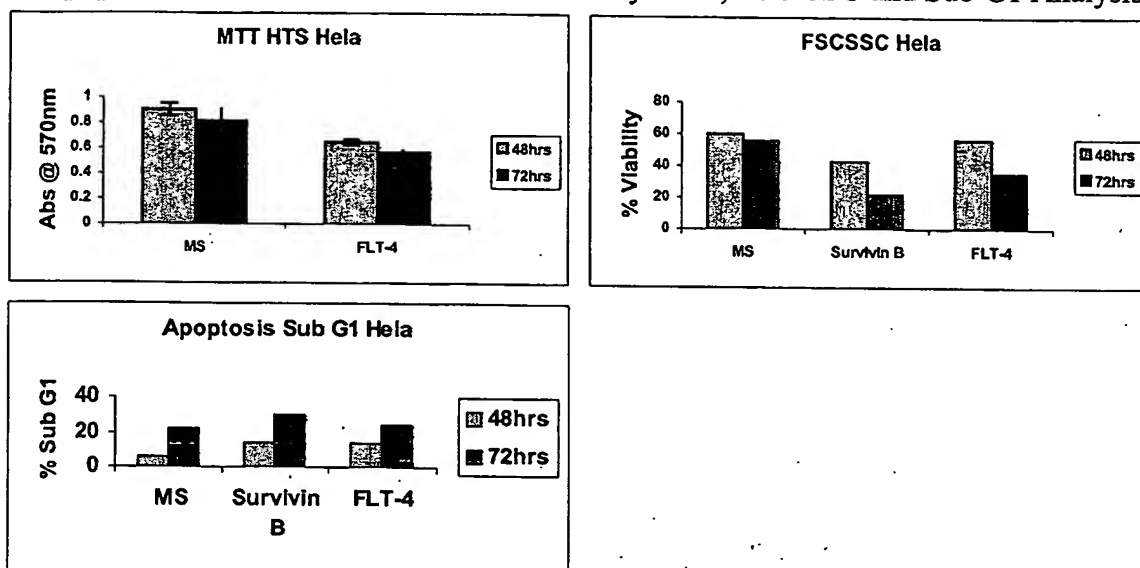


Figure 28 Apoptosis modulation by siRNA Knockdown of FLT4

(a) Apoptosis in the Hela Cell Line as detected by MTT, FSC/SSC and Sub G1 Analysis.



(b) Apoptosis in Cancer Cell Lines as detected by MTT HTS Analysis.

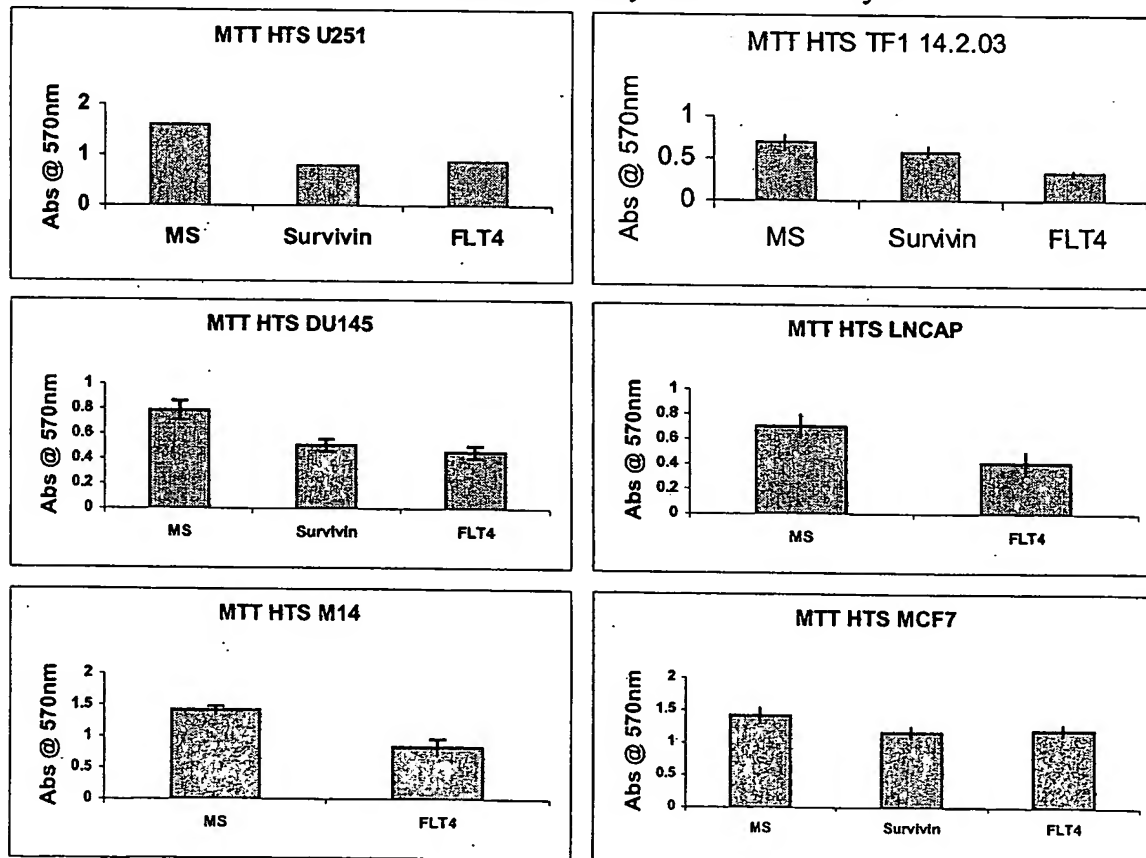
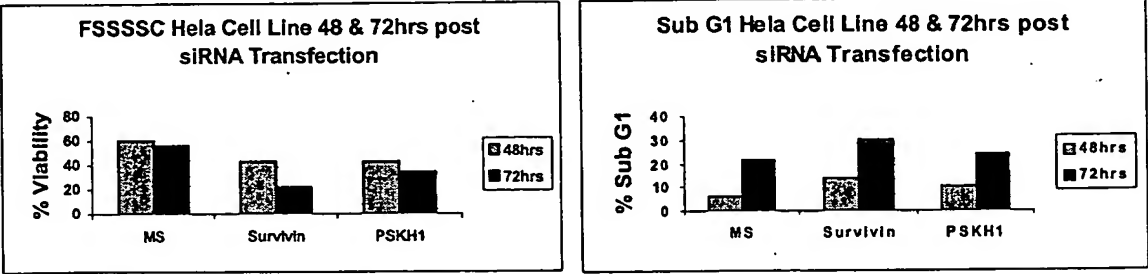


Figure 29 Apoptosis modulation by siRNA Knockdown of PSKH1

(a) Apoptosis in the Hela Cancer Cell Line as detected by FSC/SSC and Sub G1 Analysis



(b) Apoptosis in other Cell Lines as detected by MTT HTS Analysis.

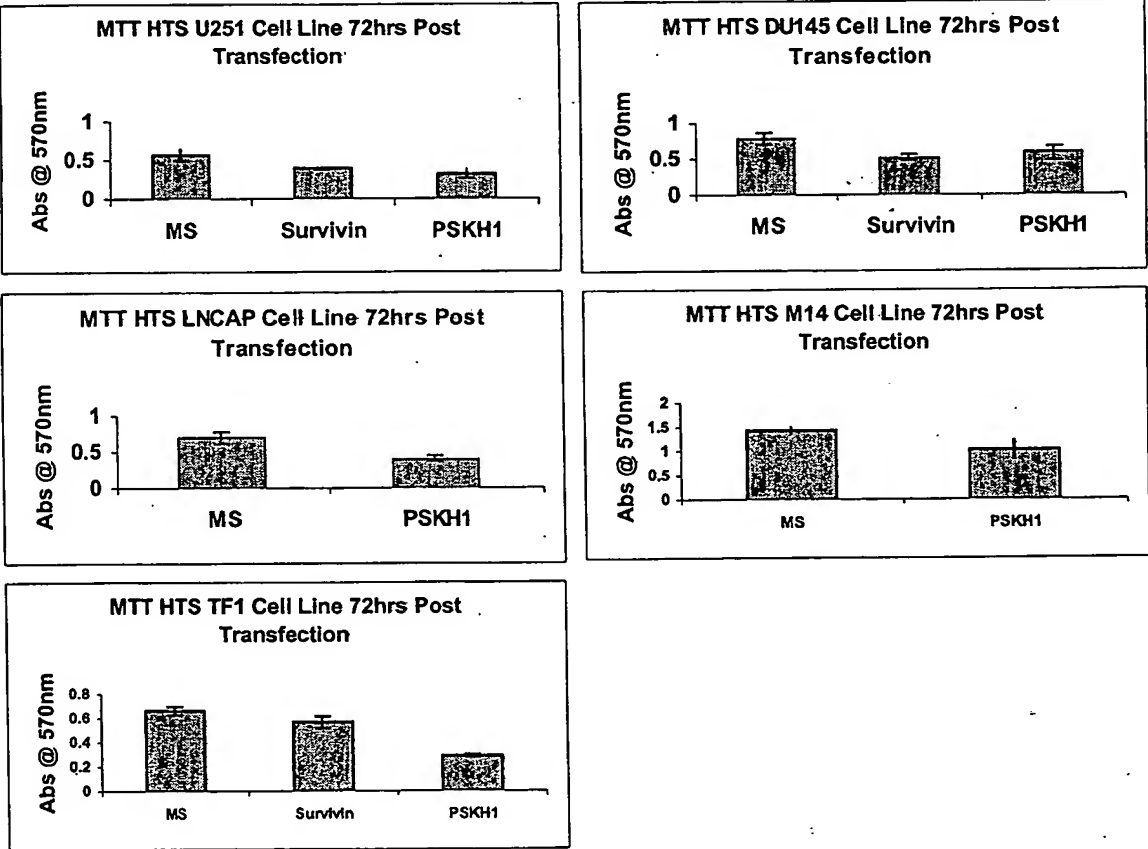


Figure 30 Apoptosis modulation by siRNA Knockdown of ITPKC

(a) Apoptosis in the Hela Cell Line as detected by MTT, FSC/SSC and Sub G1 Analysis.

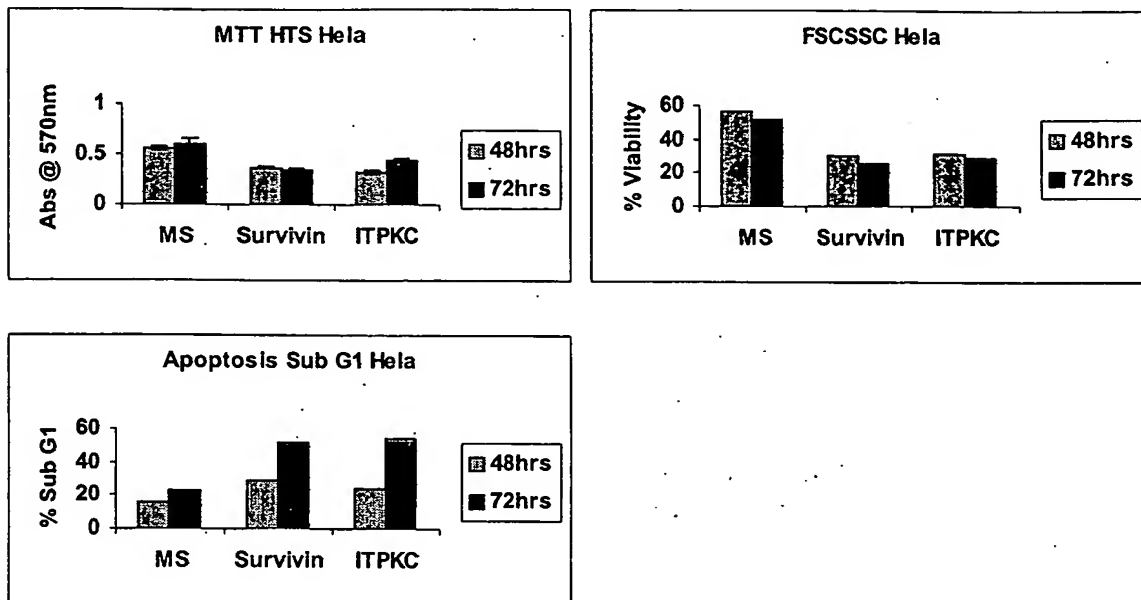
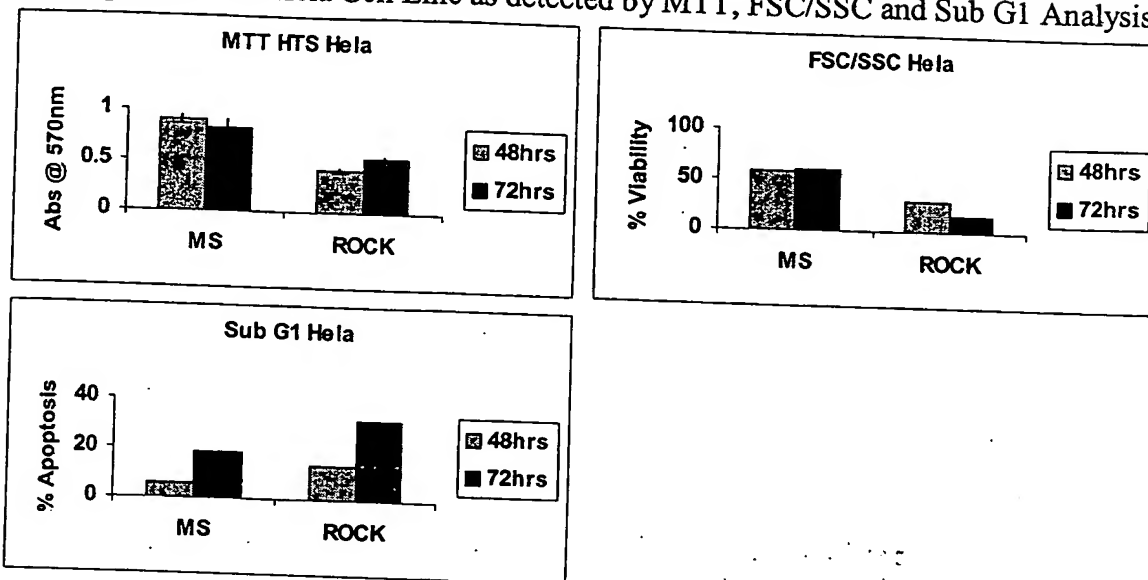
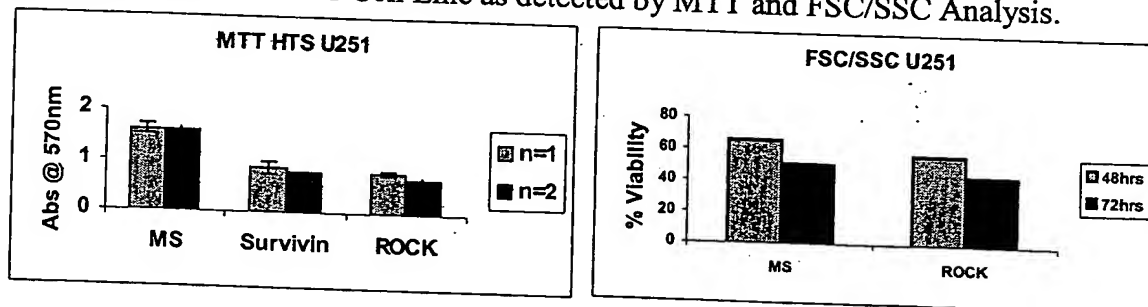


Figure 31 Apoptosis induced by siRNA Knockdown of ROCK

(a) Apoptosis in the HeLa Cell Line as detected by MTT, FSC/SSC and Sub G1 Analysis.



(b) Apoptosis in the U251 Cell Line as detected by MTT and FSC/SSC Analysis.



(c) Apoptosis in the Cancer Cell Line as detected by MTT HTS Analysis.

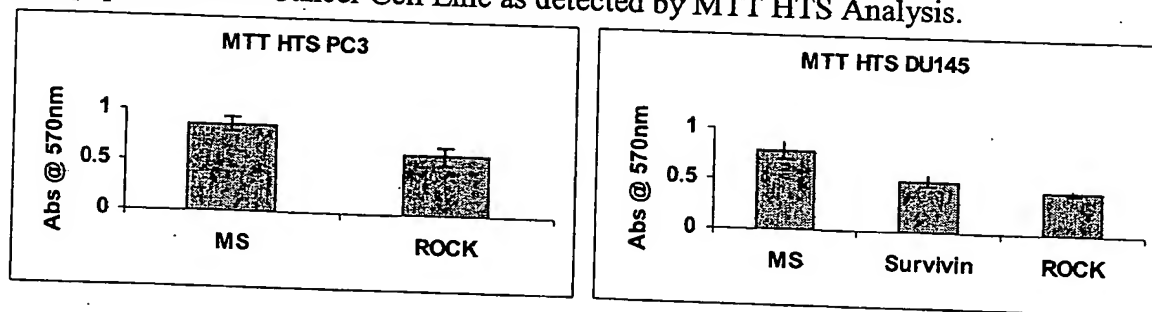
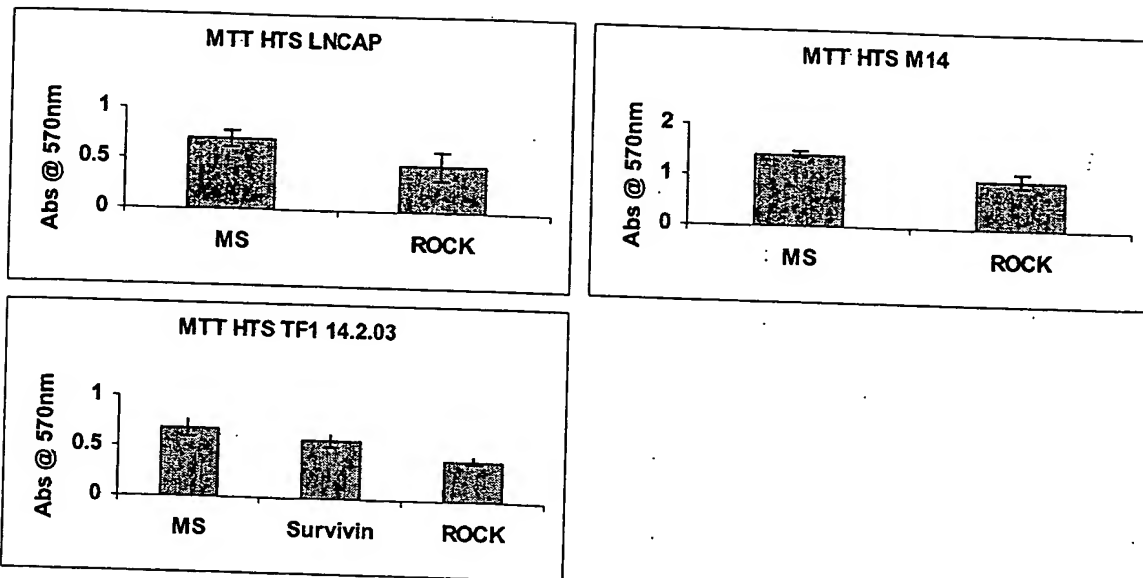
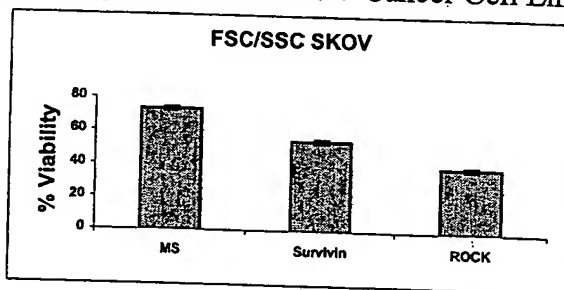


Figure 31 cont'd



(d) Apoptosis in the SKOV Cancer Cell Lines as detected by FSC/SSC Analysis



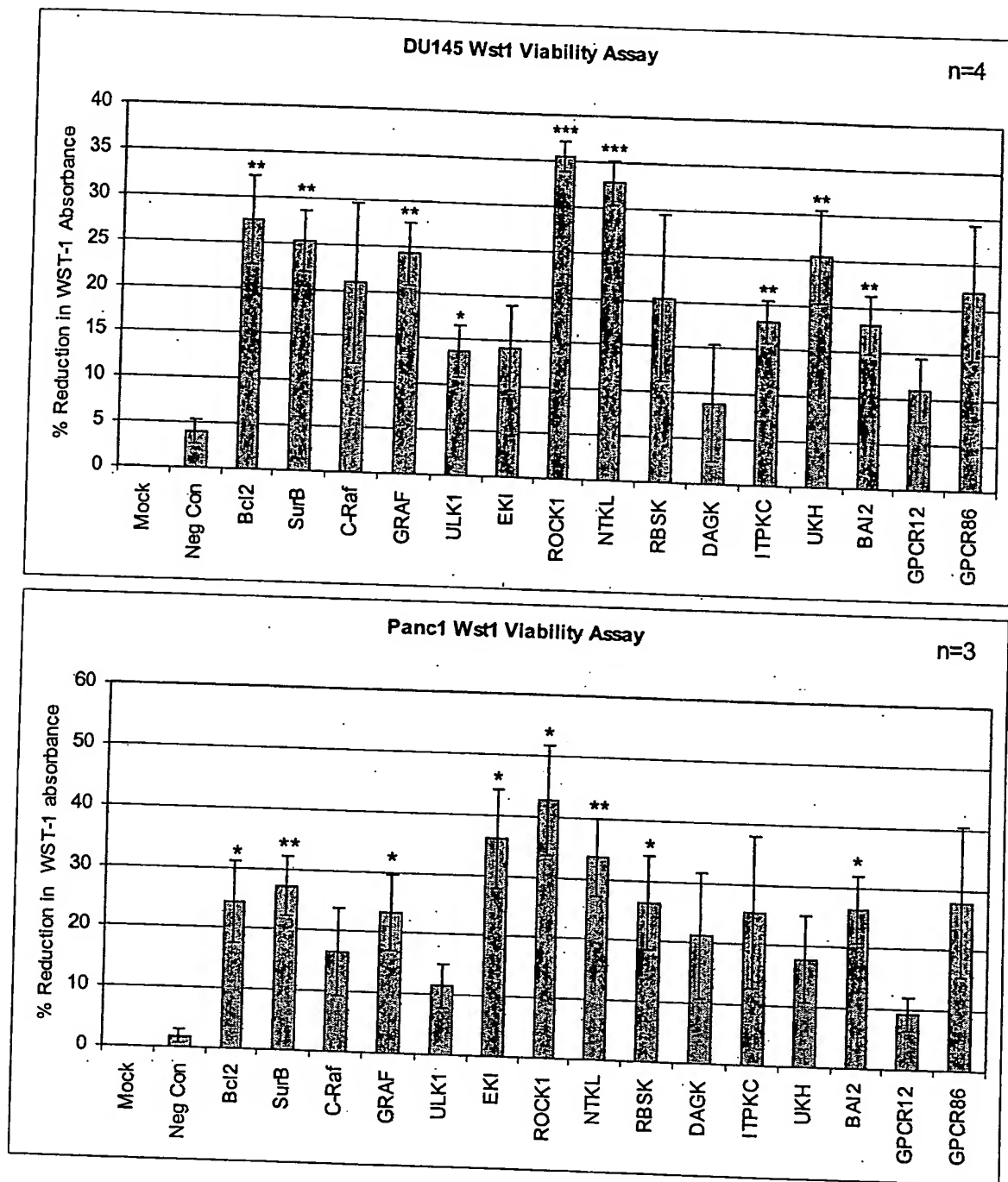


FIGURE 32

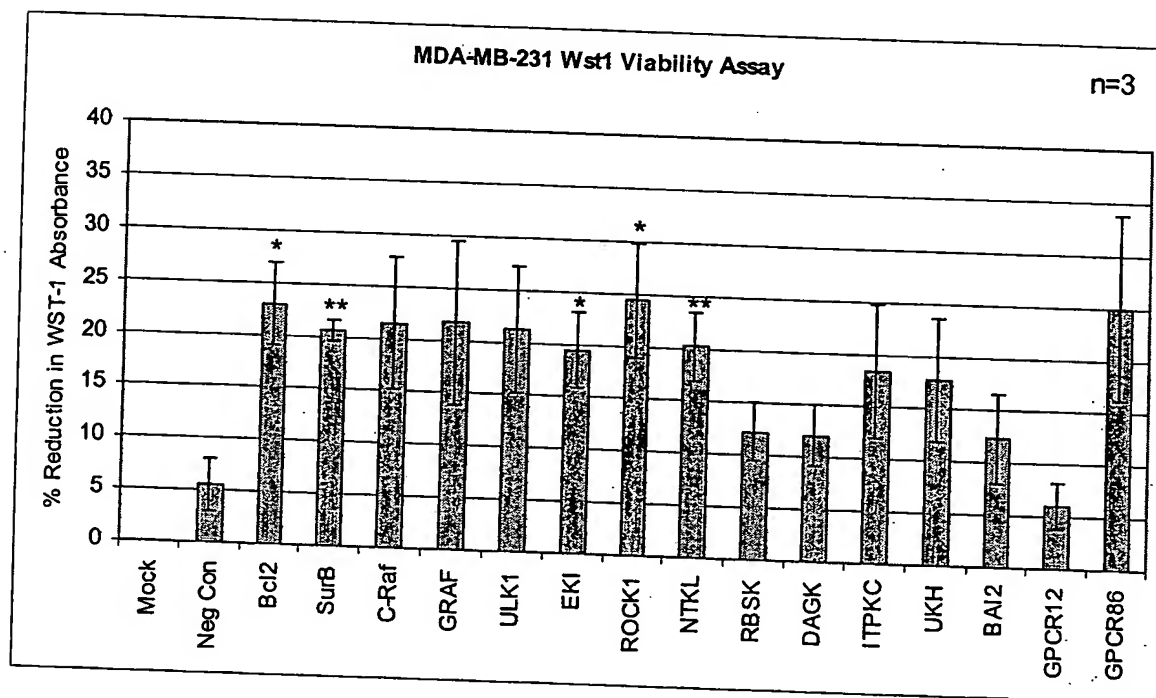
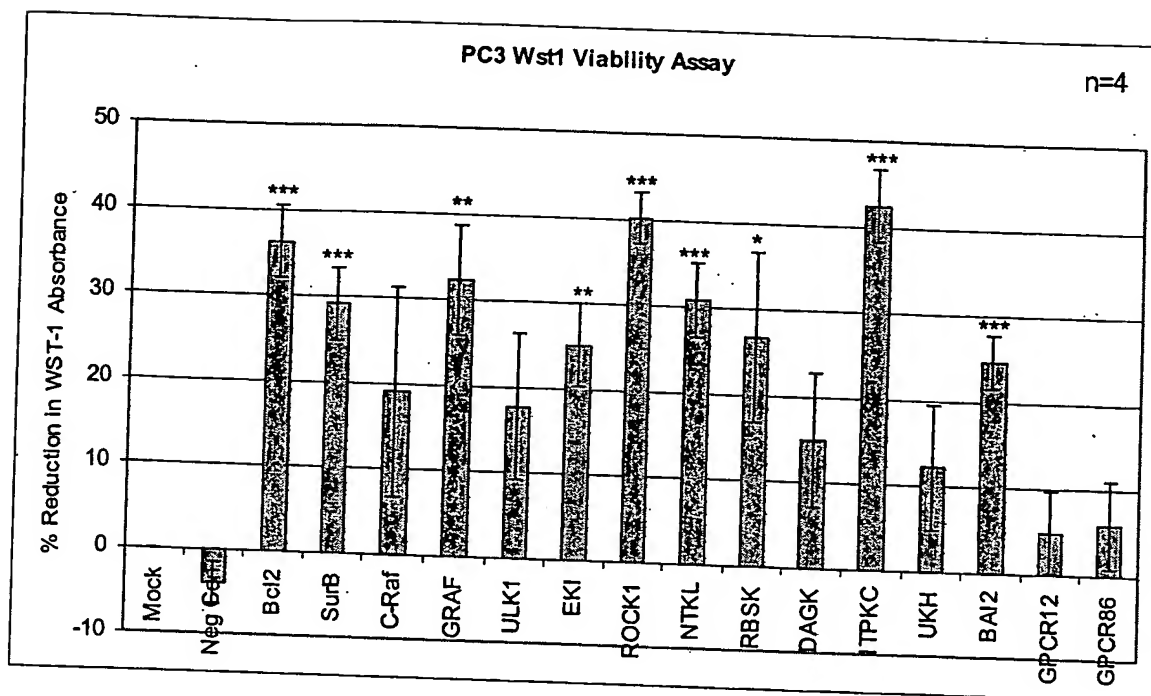


FIGURE 32 cont.

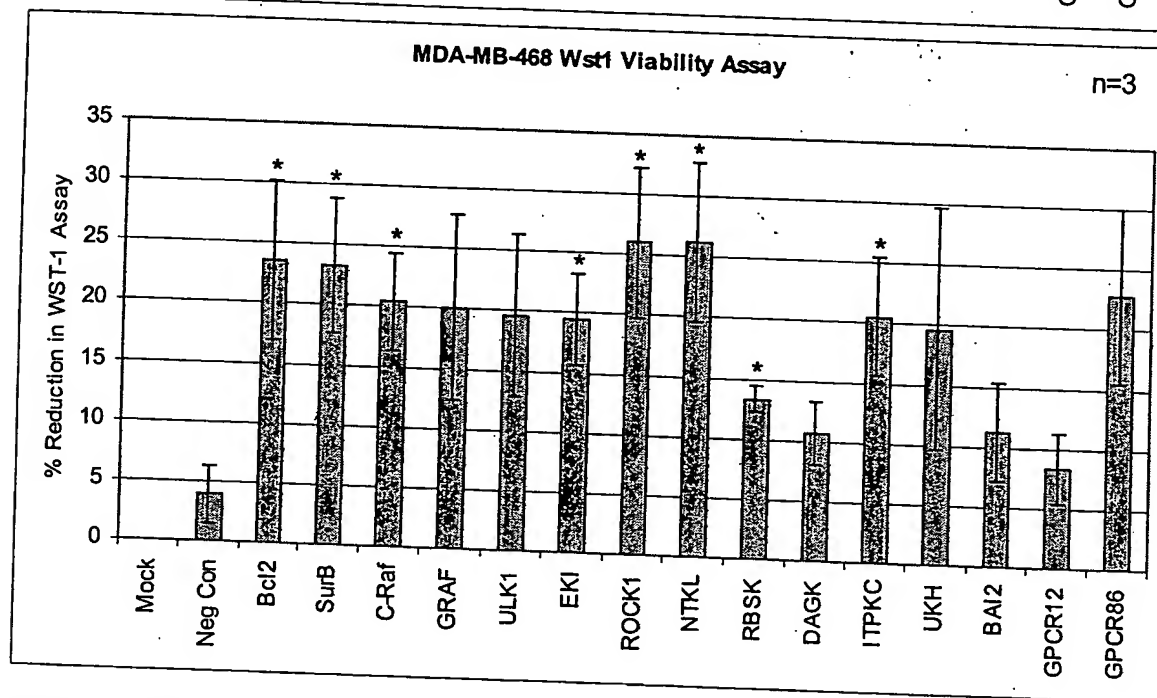
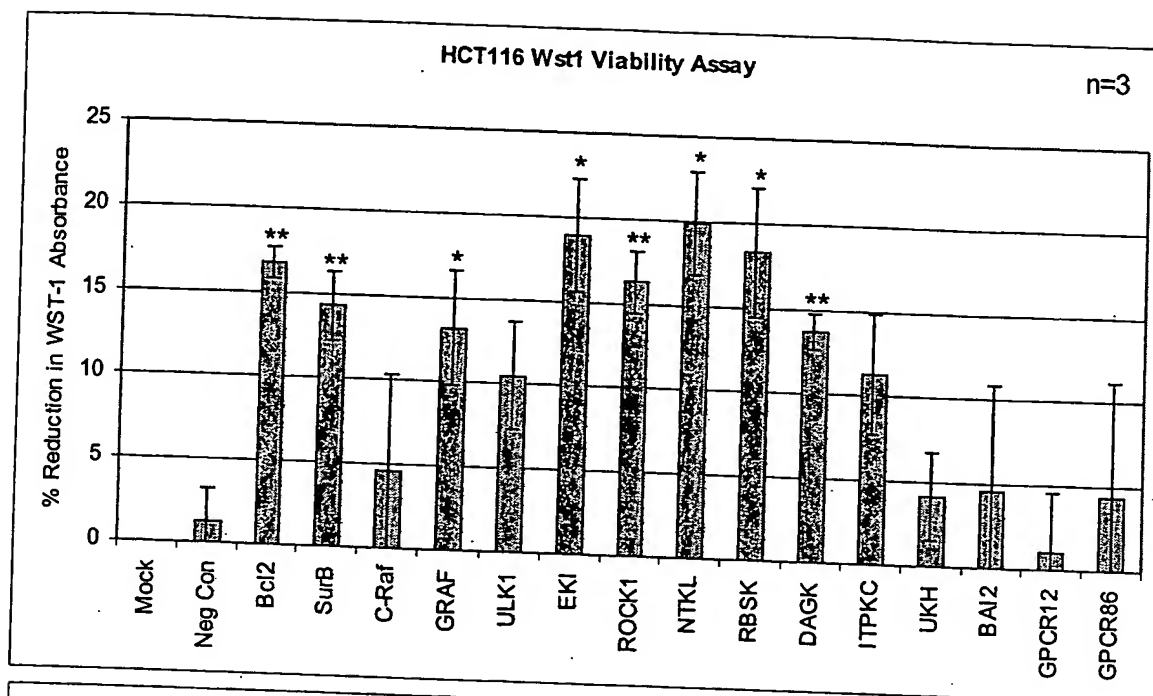


FIGURE 32 CONT

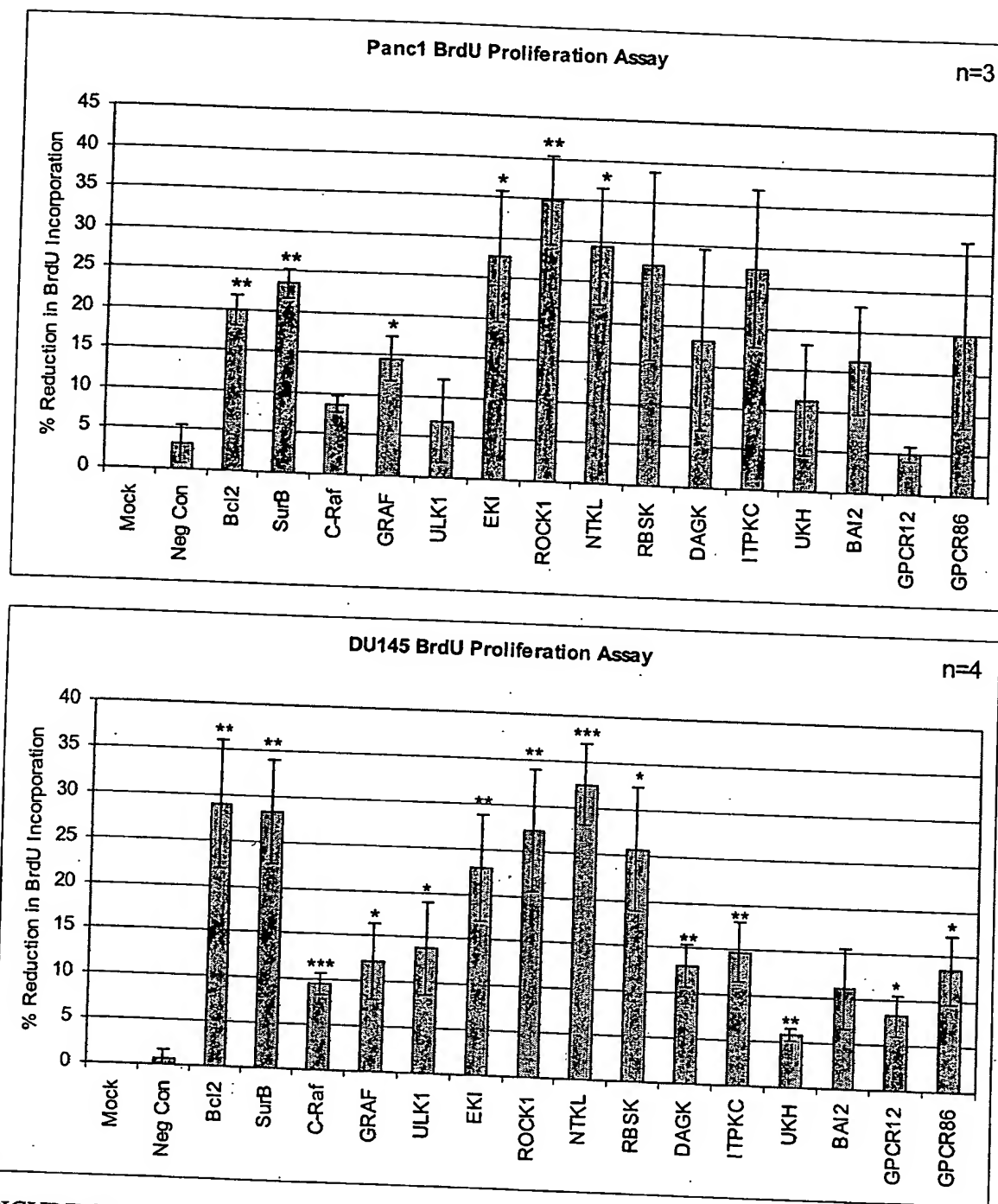


FIGURE 33

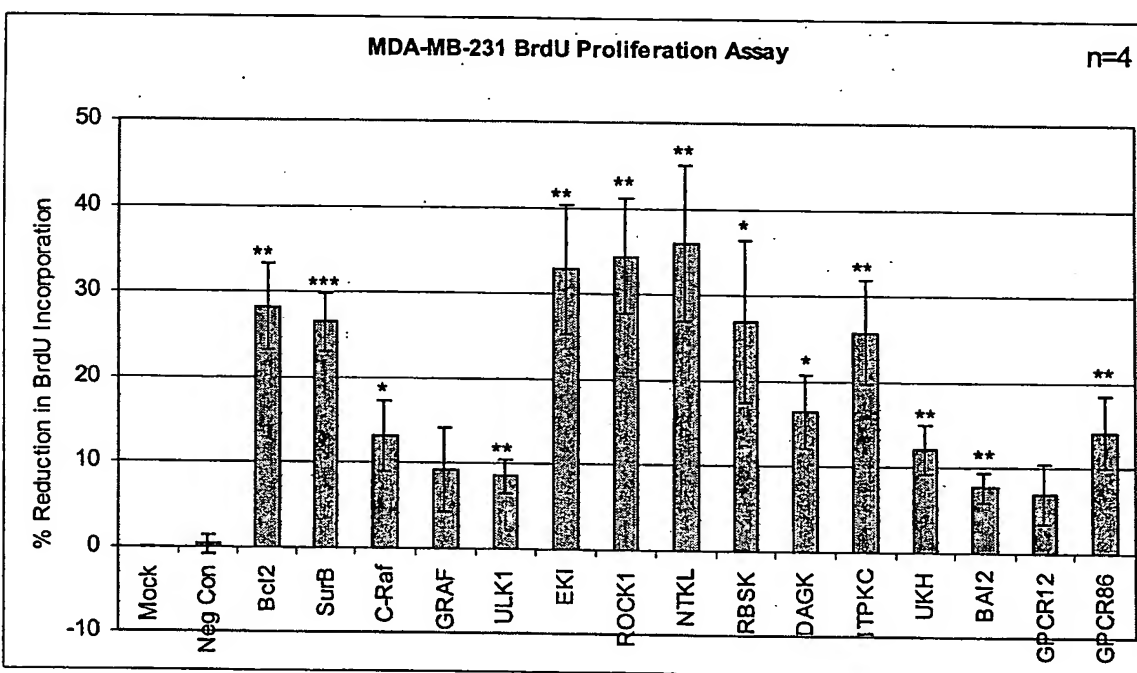
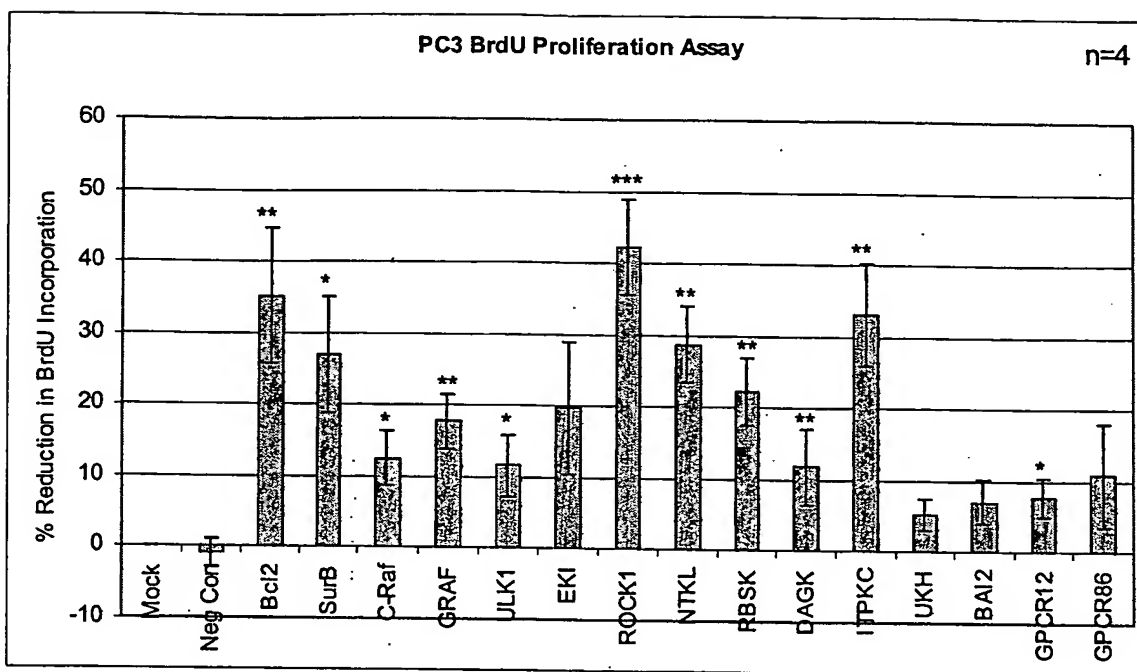


FIGURE 33 CONT

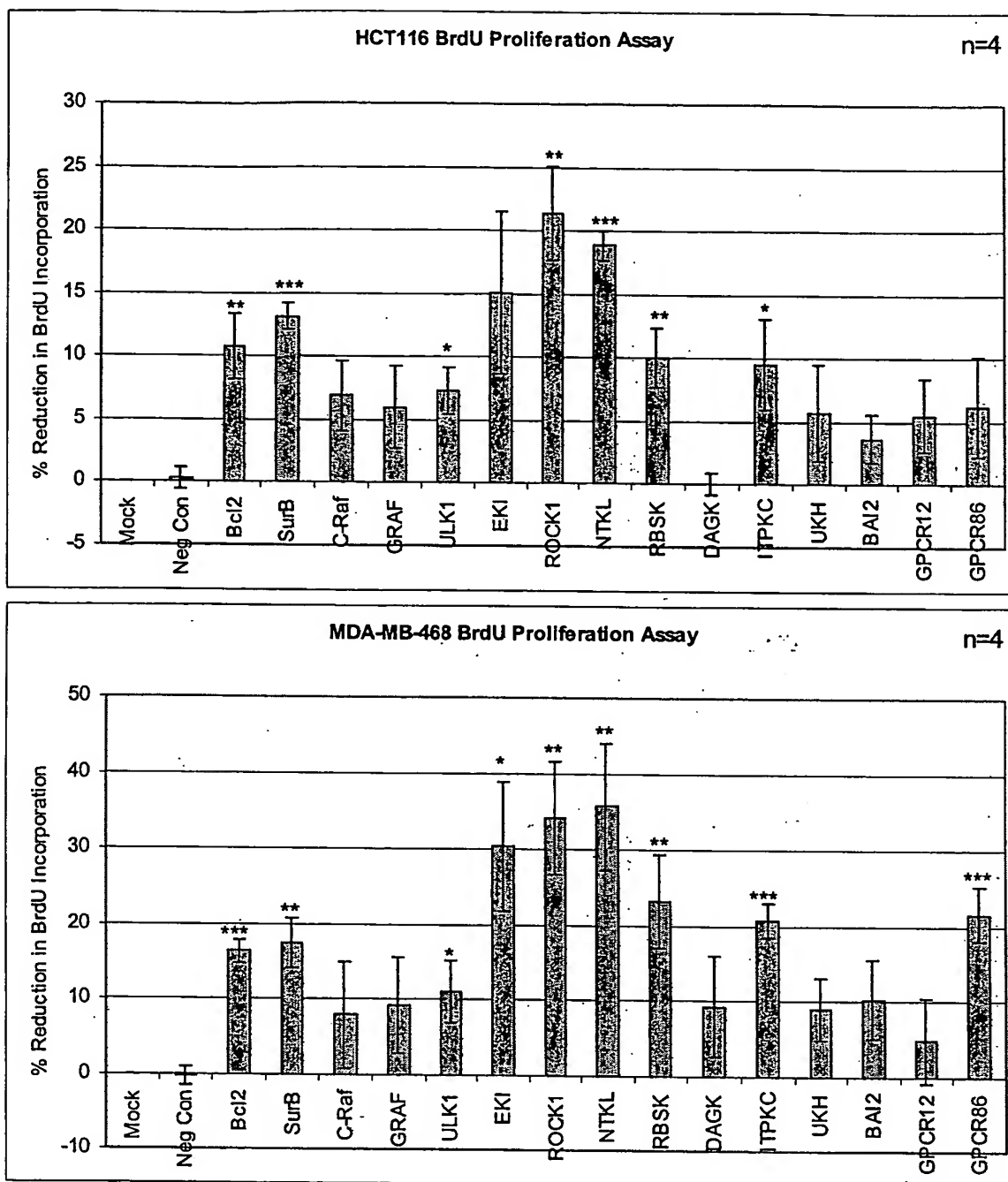


FIGURE 33 CONT

FIGURE 34

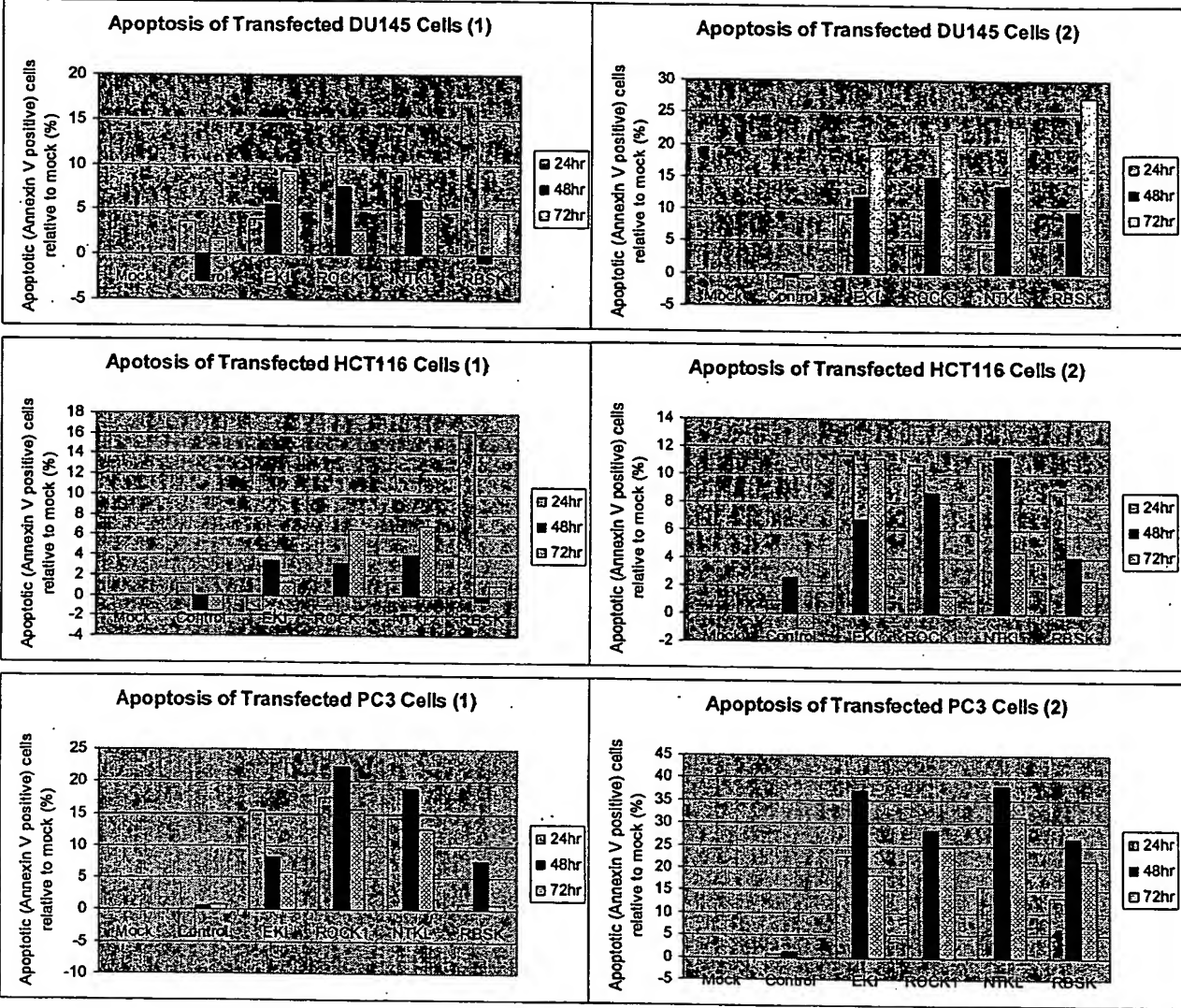
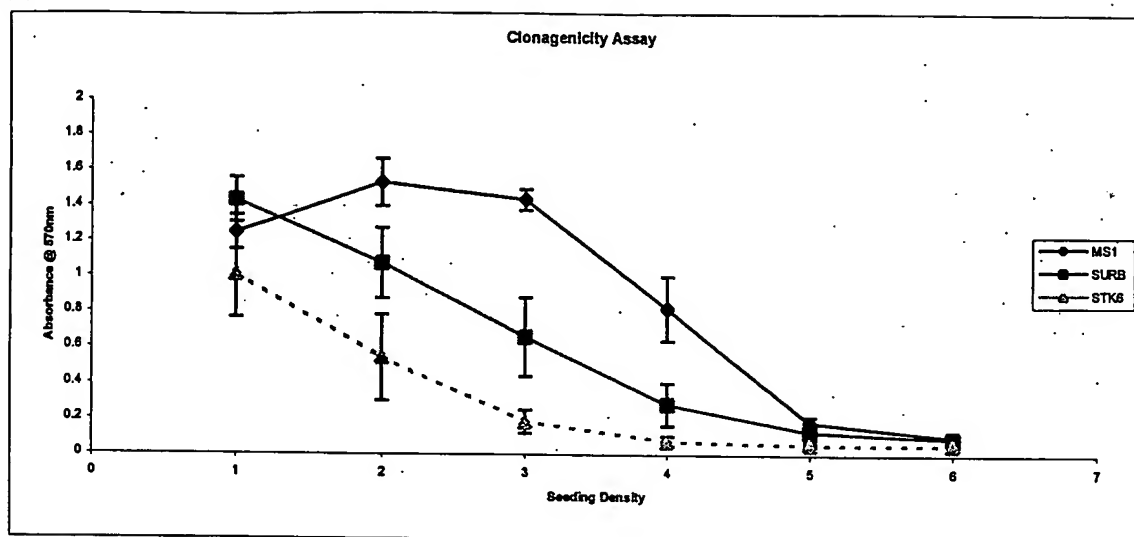


FIGURE 35

(a)



(b)

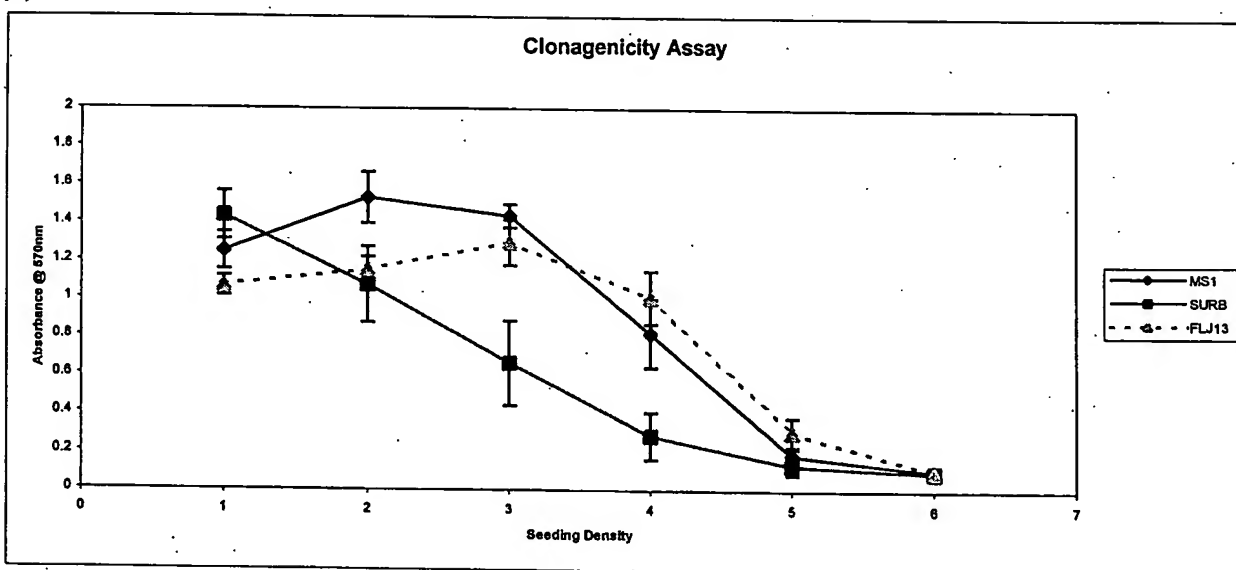


FIGURE 36

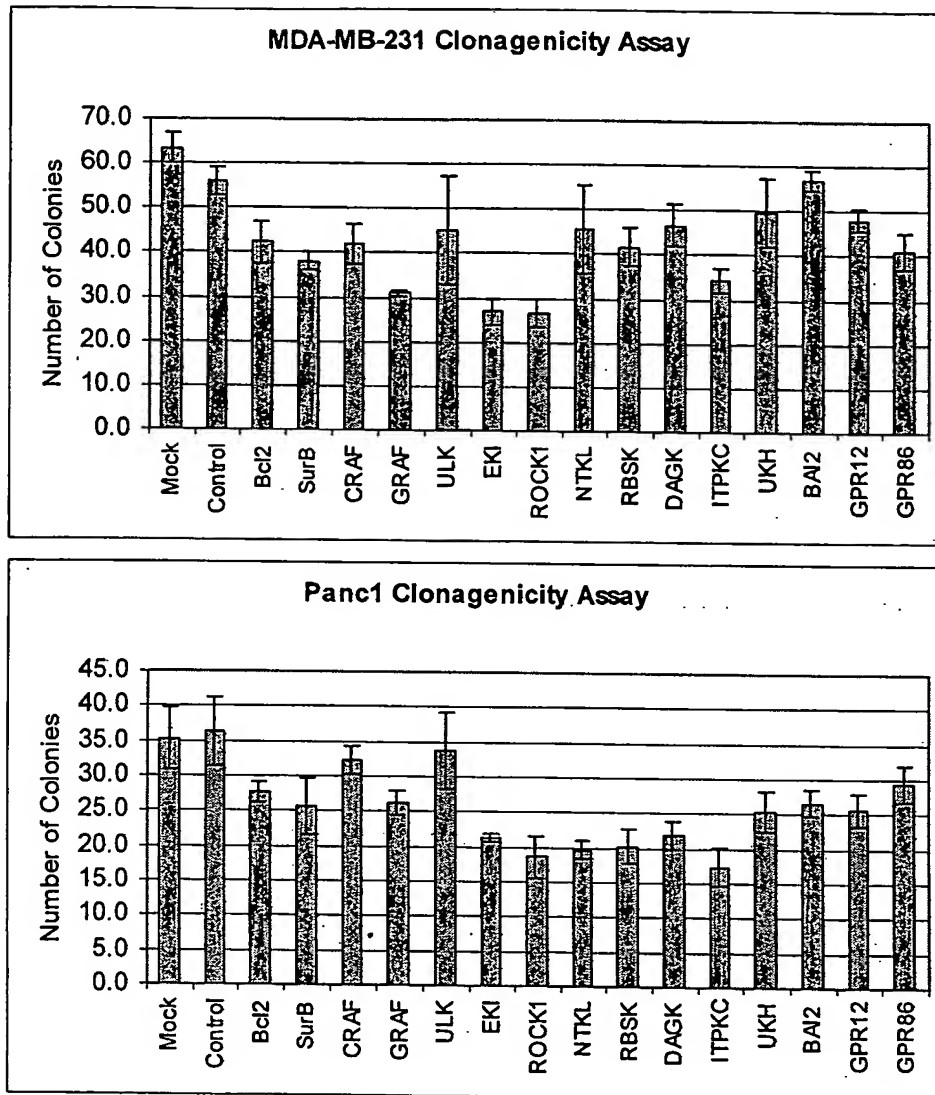


FIGURE 36 CONT.

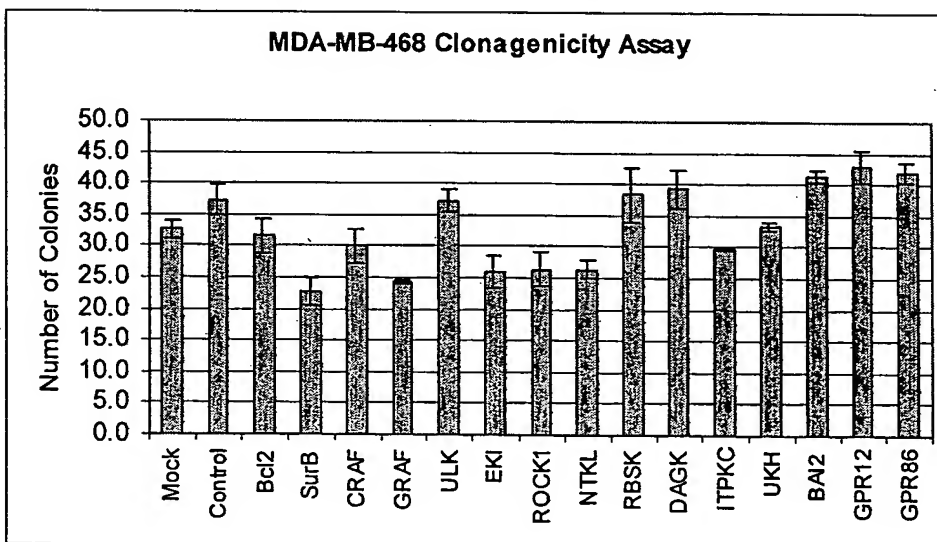
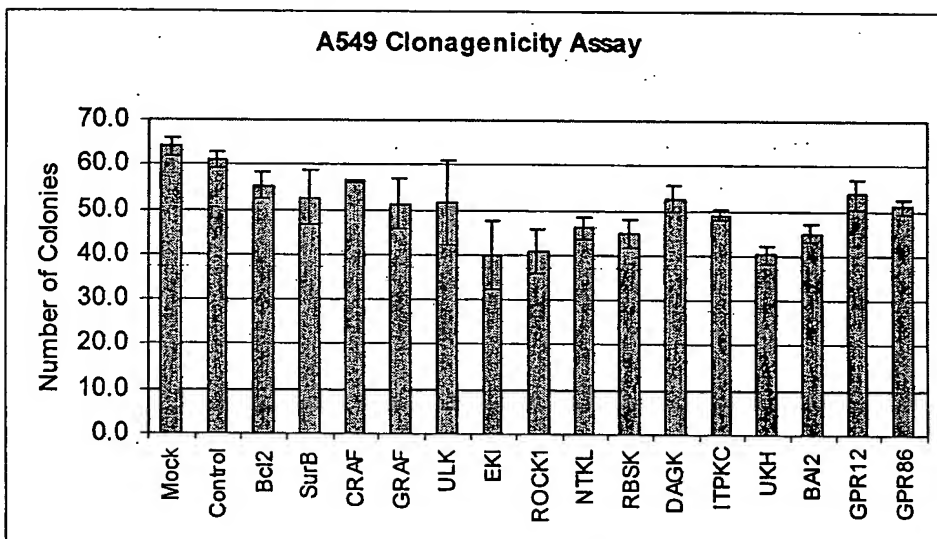
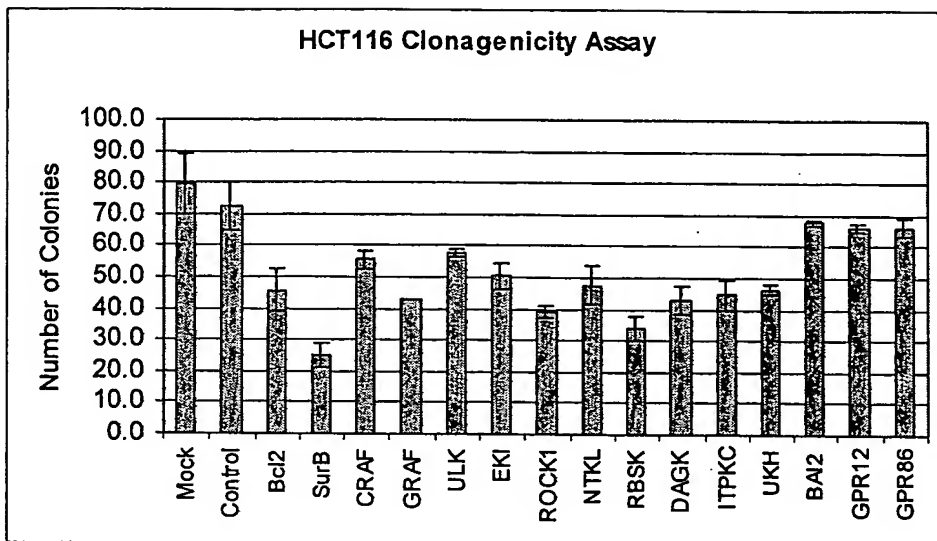
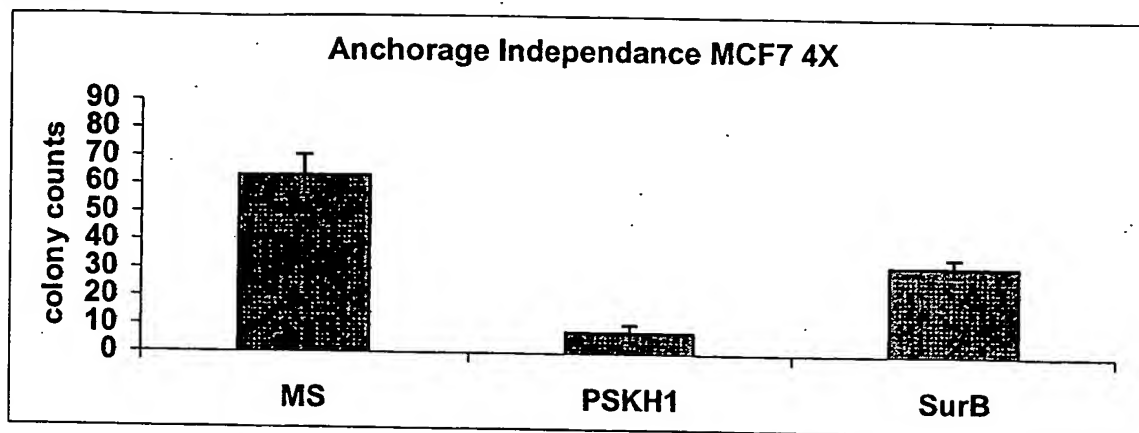
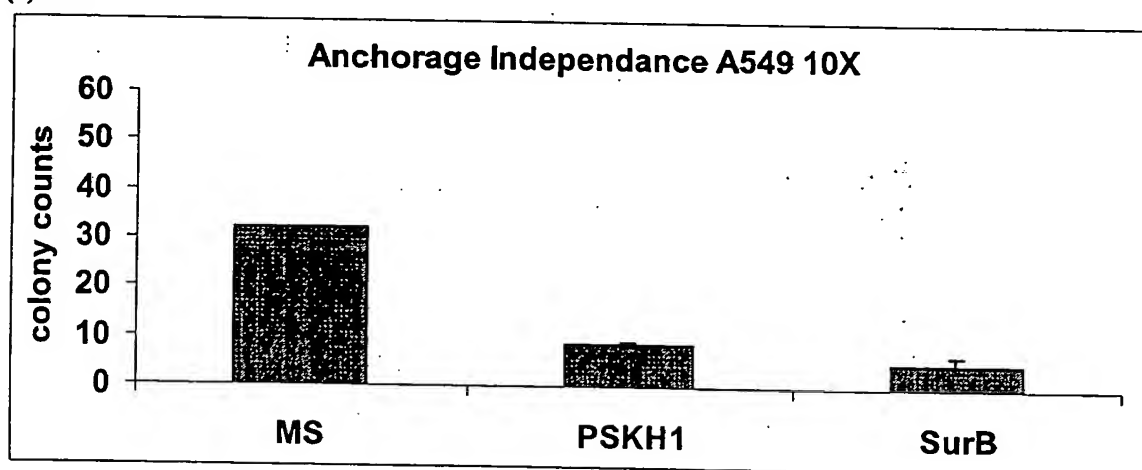


FIGURE 37

(a) MCF7



(b) A549



(c) HCT15 Cell Line

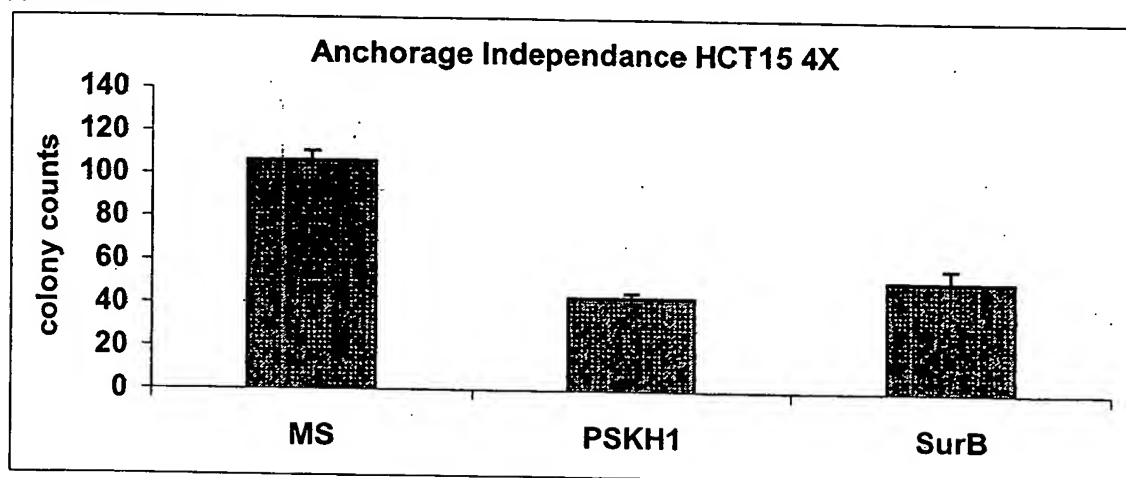
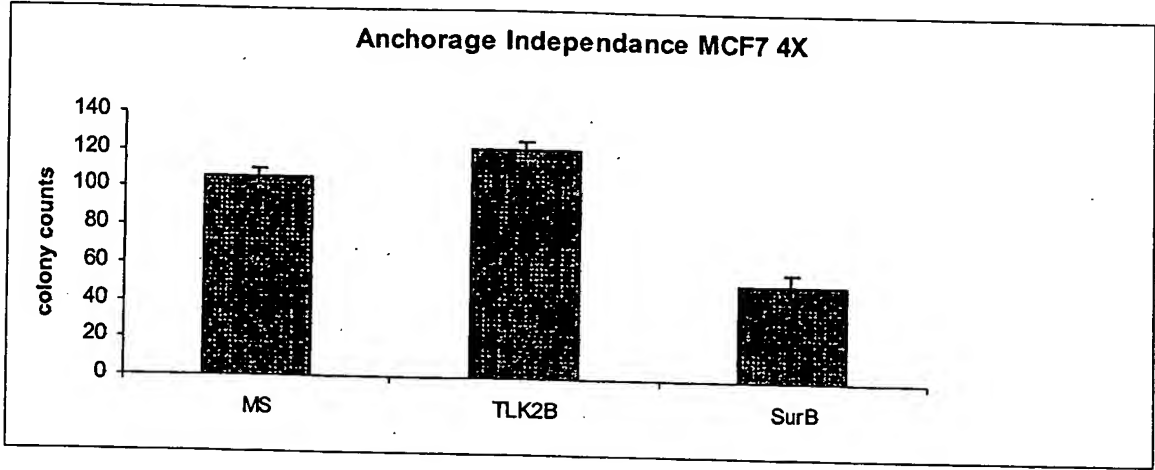
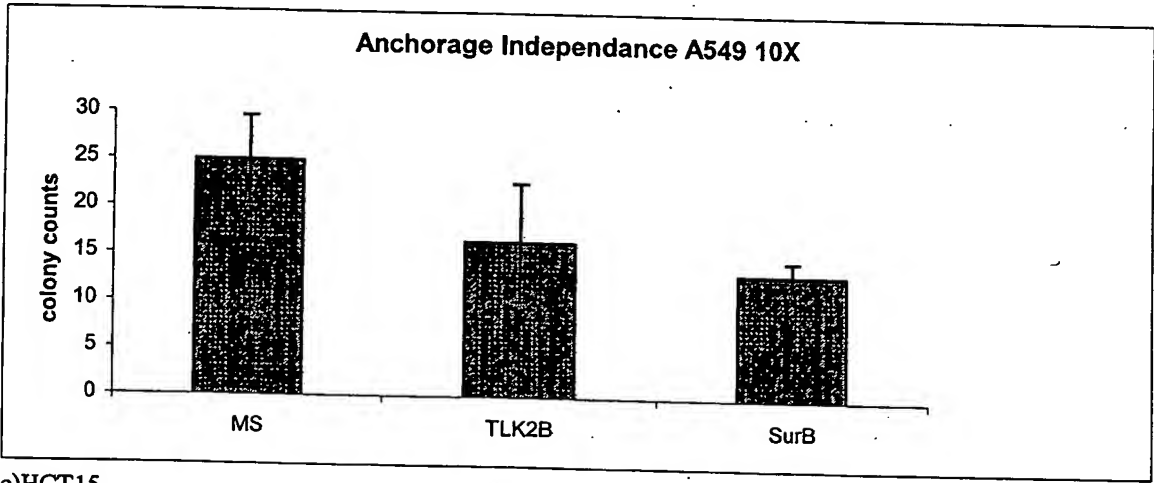


FIGURE 38

(a) MCF7



(b) A549



(c) HCT15

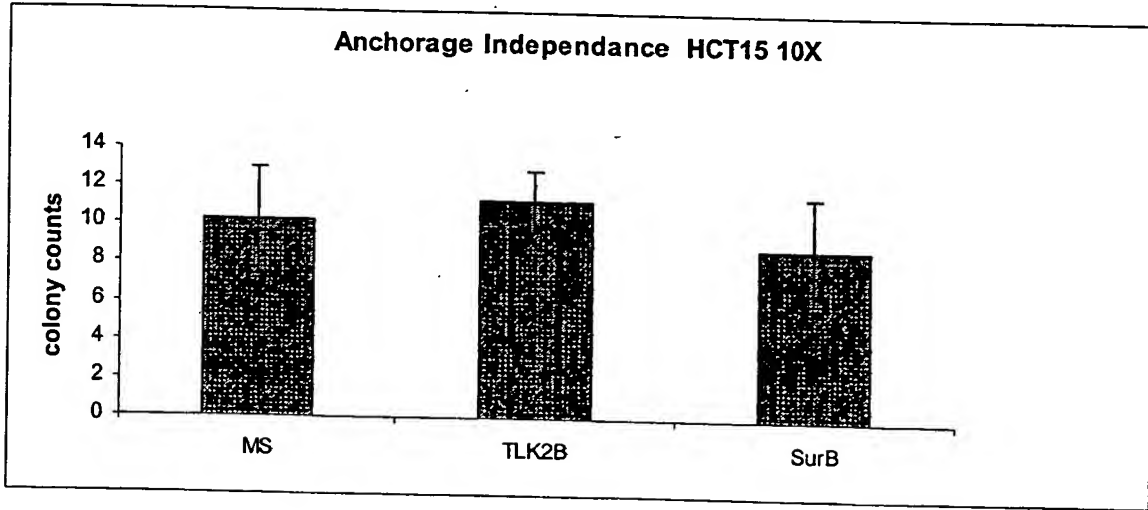
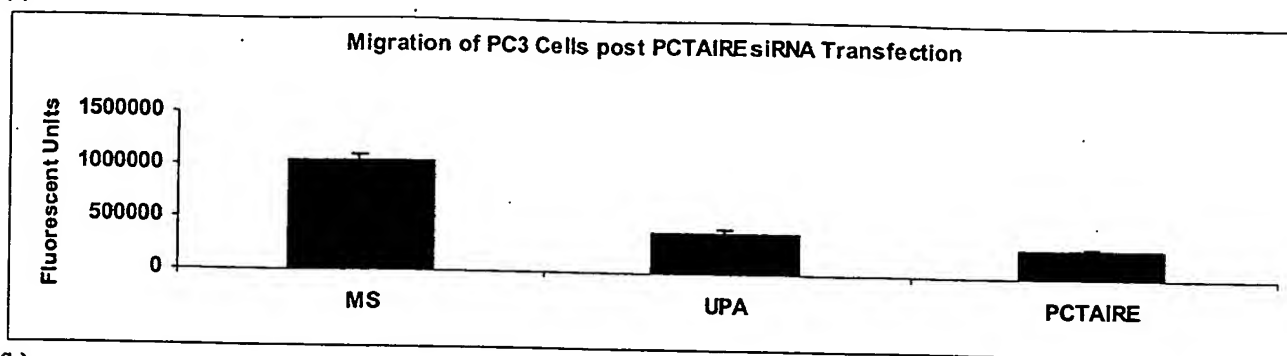
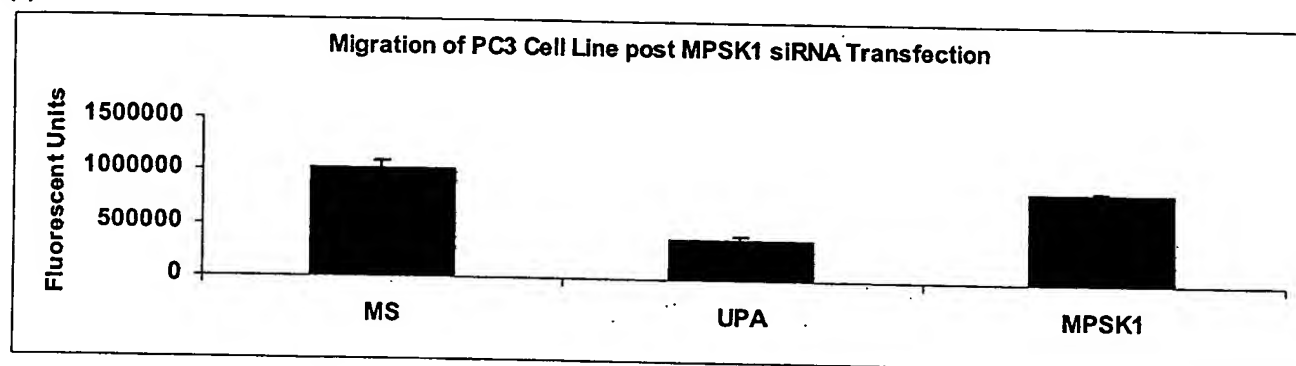


FIGURE 39

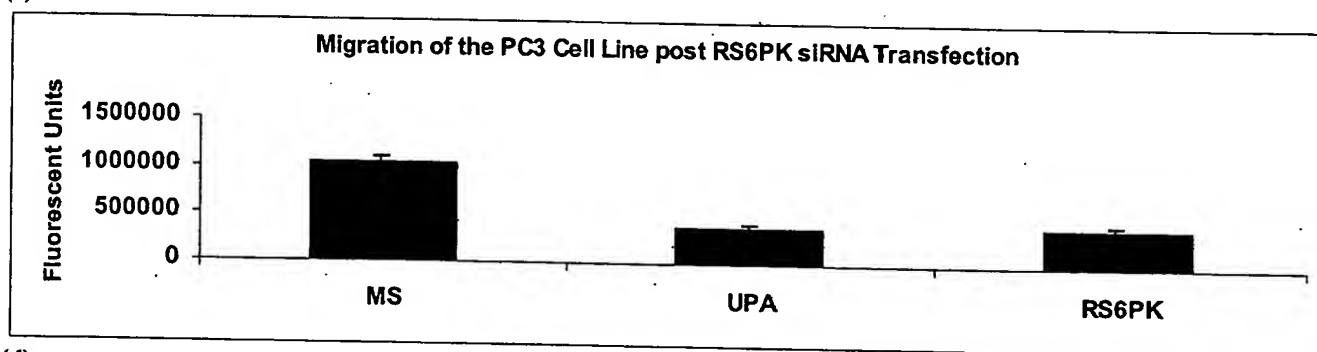
(a)



(b)



(c)



(d)

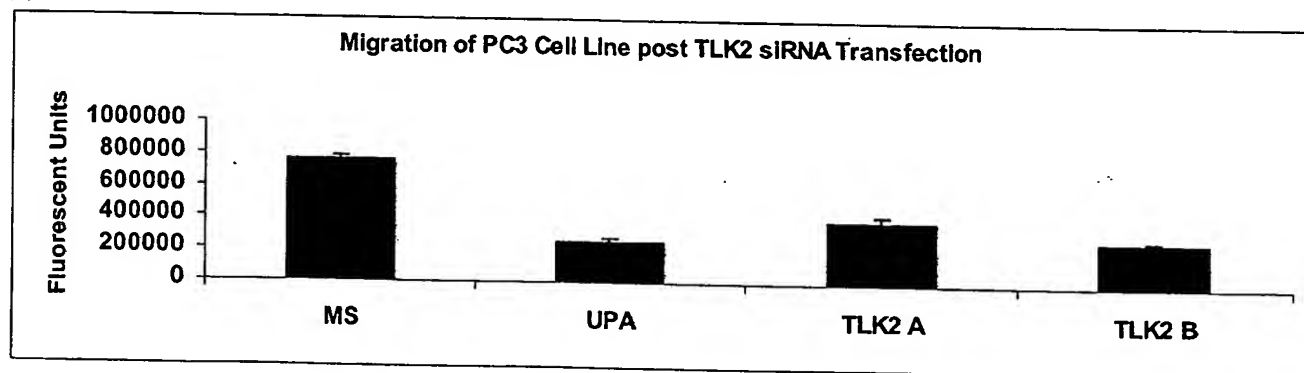
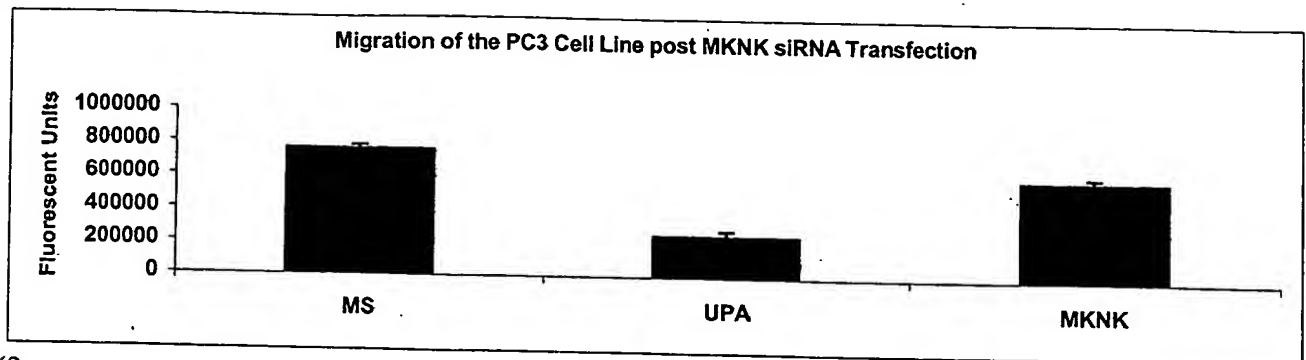
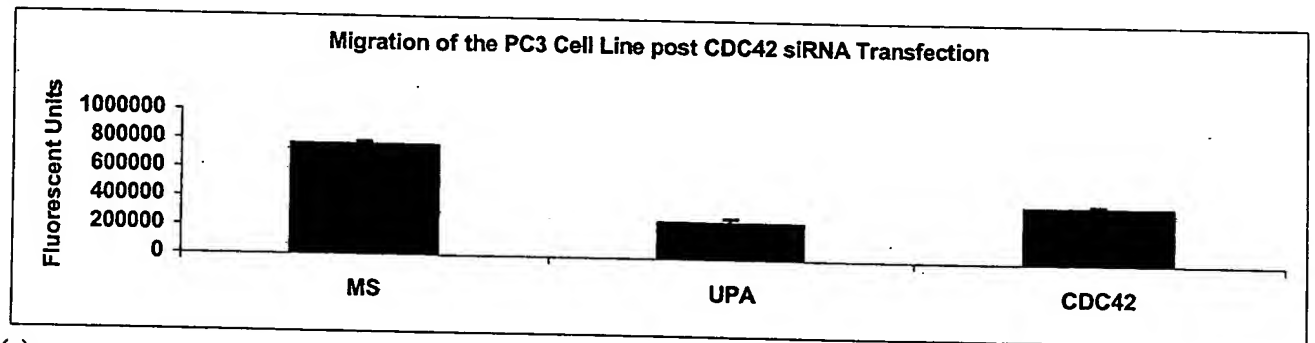


FIGURE 39 contd

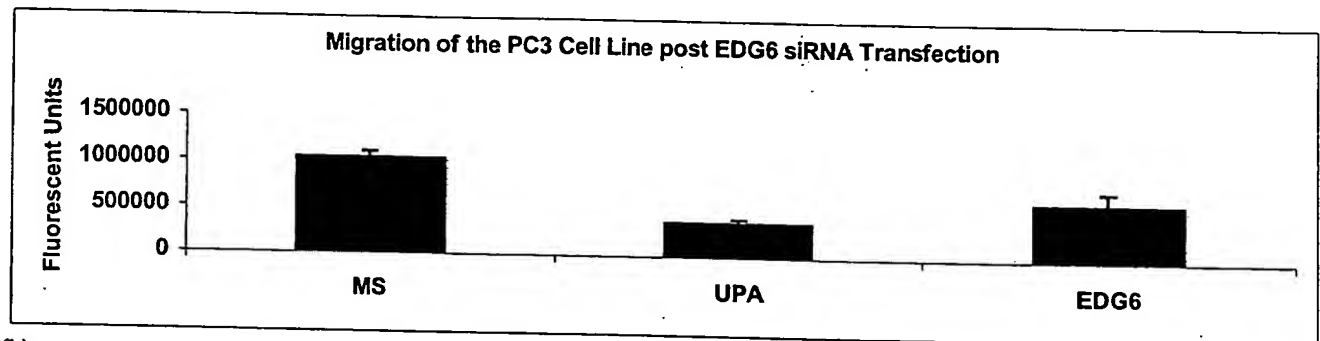
(e)



(f)



(g)



(h)

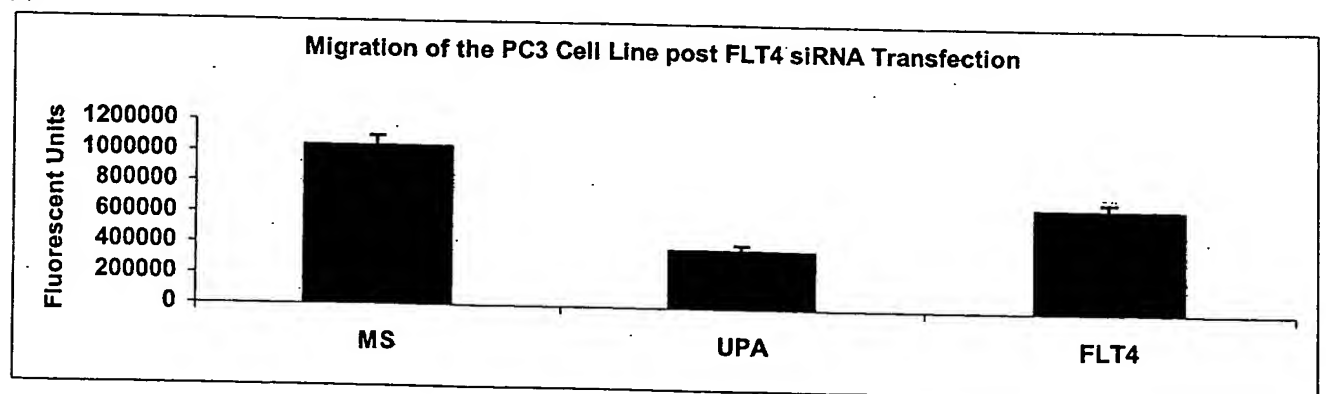
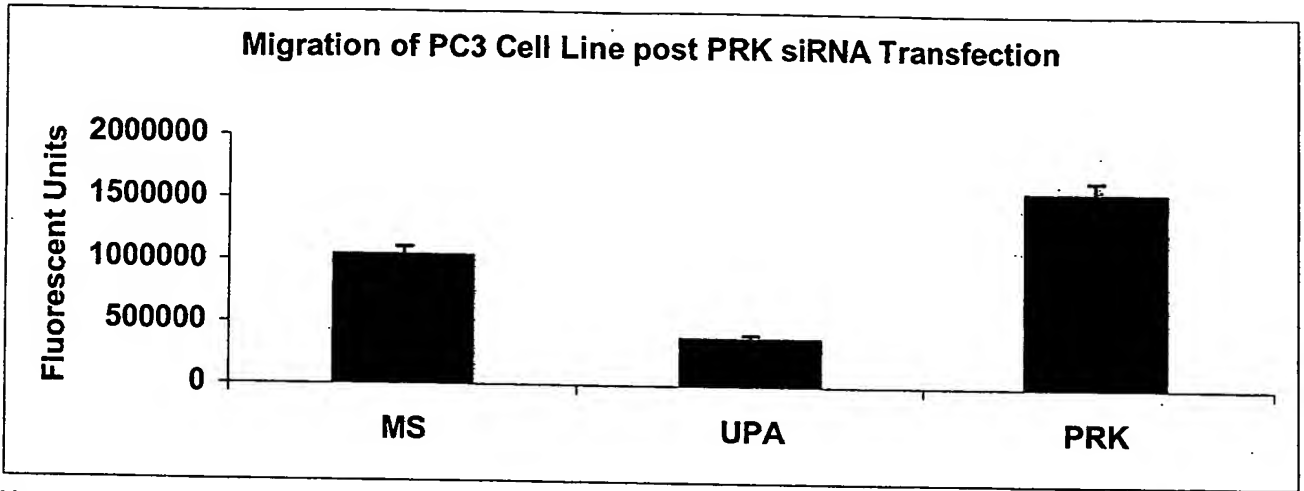


FIGURE 40 (a)



(b)

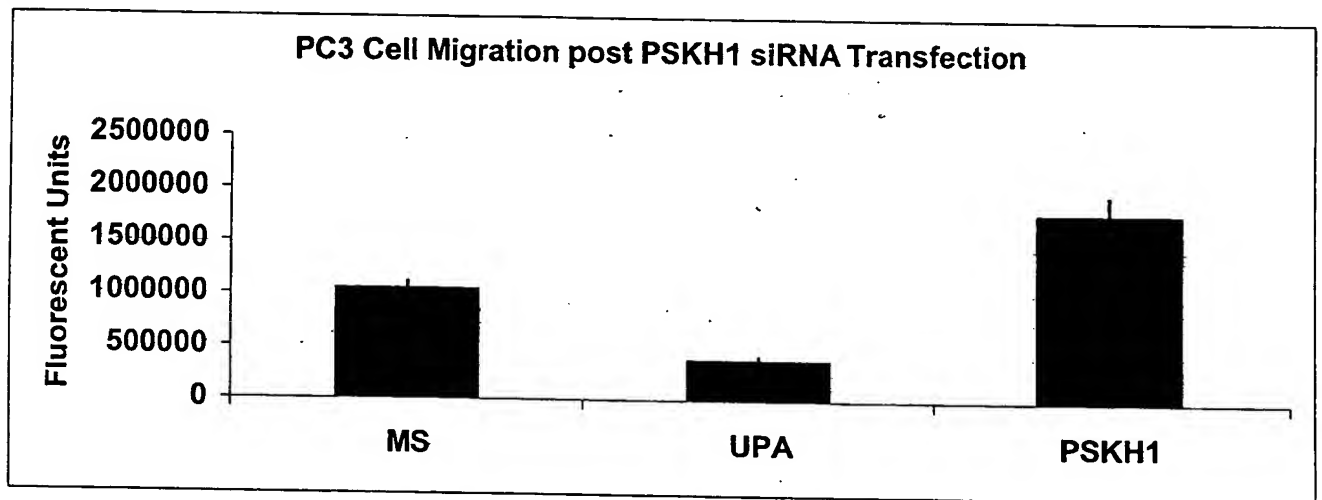
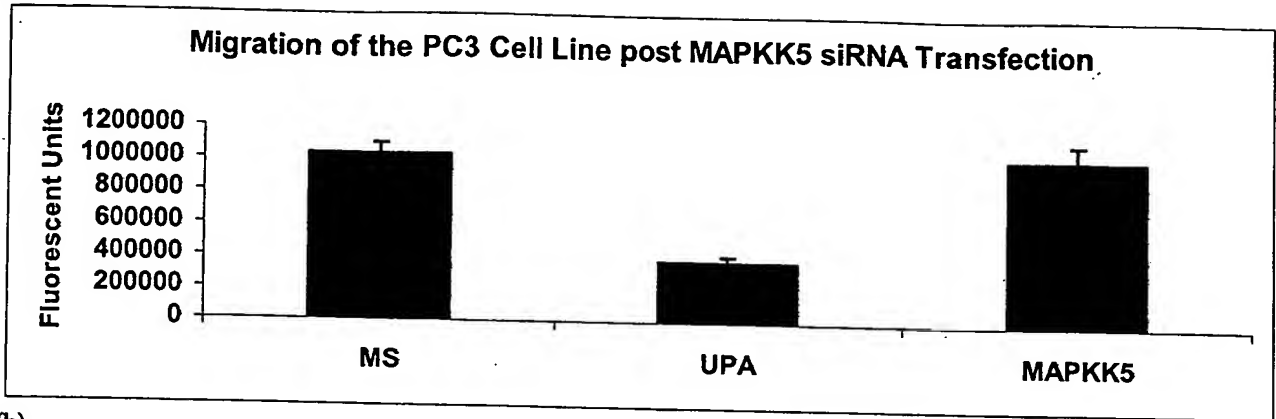


FIGURE 41

(a)



(b)

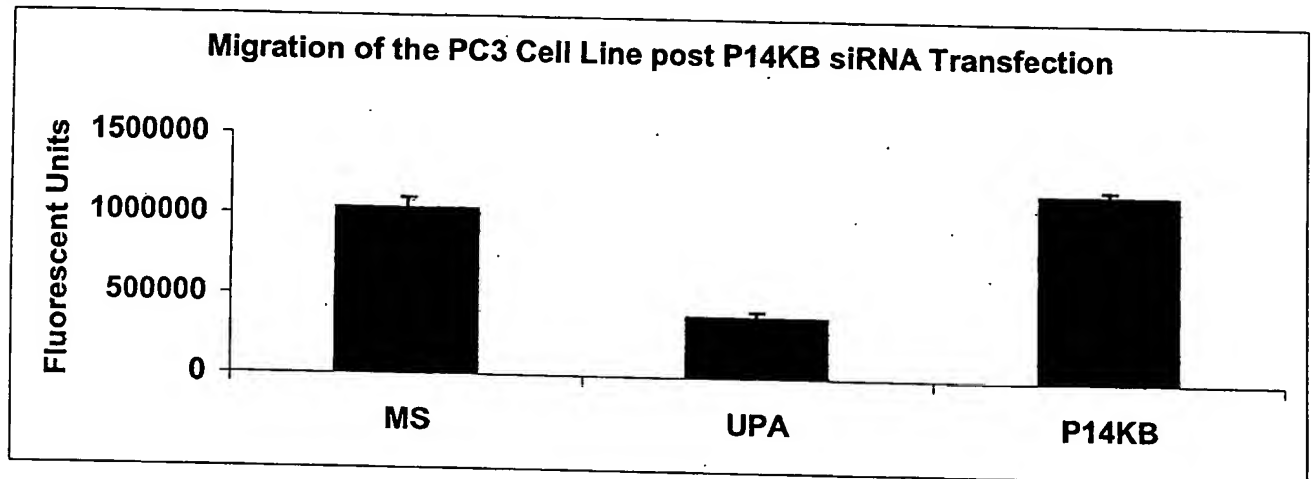


FIGURE 42

Nucleic Acid AND Protein Sequence for Targets in Table 1B

Rho – associated, coiled coil containing protein kinase 1 (ROCK1/ROCK)

Nucleotide Accession No. NM_005406

GI: 4885582

Sequence:

```
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301 gtatatgcta tgaagcttct cagcaaattt gaaatgataa agagatctga ttctgctttt
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901 gatgataatg acatatcaaa agaagcaaaa aaccttattt gtgccttctt tactgacagg
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1261 gataaaagct tgcaggaaag ttgcaaaaa acaatctata agctggaaga acagctgcat
1321 aatgaaatgc agttaaaga tgaaatggag cagaagtgca gaacctcaa cataaaacta
1381 gacaagataa tgaagaatt ggatgaagag ggaatcaaa gaagaaatct agaattaca
1441 gtgtctcaga ttgagaagga gaaatgttg ctacagcata gaattaatga gtaccaaaga
1501 aaagctgaac aggaaaatga gaagagaaga aatgtagaaa atgaagtffc tacattaaag
1561 gatcagttgg aagacttaaa gaaagtcagt cagaattcac agcttgctaa tgagaagctg
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 3541 caaggagatg tgtatagagc tgaaactgaa gaaattccta aatatcca gatactatat
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 3961 ccatctggtt ttgtcgtgc tccccctga acgtttcta caagatccac tgcaaatcag
 4021 tctttccgga aagtgtcaa aaatacatct ggaaaaacta gttaa

Protein I.D NP_005397.1

Protein GI: 4885583

Sequence

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MAK (Male germ cell-associated kinase; MAK)

Nucleotide Accession No: NM_005906

G.I.: 13699865

1 ataagaatgg aagtgtgtt tcttgcccg attccttcat gctatatctc atgaacctct
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Protein ID: NP_005897

Protein GI: 11496279

Sequence:

MNRYTTMRQLGDGTYGSVLMGKSNESELVAIKRMKRKFYSWDE
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G Protein Coupled Receptor 86

Nucleotide Accession No. AF295368

G.I. 12711484

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2761 tgaccttgt atctactctt tttagtaactg atgtatatat ctgaaaggag agattgttc
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Protein I.D. AAK01864
Protein G.I. 12711485

Sequence:

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SNKEATPSSVKKCASLKGPLGLKWHQMVNNICQFIFWTVFILMLVFYVVIKVKVYDSY
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PCTAIRE Protein Kinase 3

Nucleotide Accession No. X66362

G.I. 297101

Sequence

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Protein I.D: CAA47005
Protein GI : 297102

Sequence:

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LGSTEYSTPIAMWVGVCIHYEMATGRPLFPGSTVKEELHLIFRLLGTPTEETWPGVTA
FSEFRTYSFPCYLPQPLINHAPRLDTDGIHLLSSLLVYESKSRMSAEAAALSHSYFRSL
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G-Protein Coupled Receptor (BAI2)

Nucleotide Accession No.: NM_001703

GI: 4502356

Sequence

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//

Protein ID: NP_001694

Protein GI: 4502357

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GTPase regulator associated with focal adhesion kinase pp125 (GRAF)

Nucleotide Accession No: NM_015071

GI: 7662207

Sequence:

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 6901 caaagg

Protein ID: NP_055886
Protein GI : 7662208

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Serine/threonine kinase 6 (STK6)

Nucleotide Accession No: NM_003600

GI:4507274

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Protein ID: NP_003591.1

Protein GI: 4507275

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Serine/Threonine Kinase (ULK, ULK1)

Nucleotide Accession No. NM_003565

GI: 4507832

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 5221 aaaaaaaa

Protein ID: NP_003556.1

Protein GI: 4507831

Sequence:

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 AGFLHSSRDSGSGSKDSSCDTDDFVMPAQFPGDLVAEAPSAKPPPDLSMCSGSSLVAS
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Serine/Threonine Kinase 16 (MPSK1)

Nucleotide Accession No. NM_003691

GI: 4505836

Sequence:

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1381 aa
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Protein ID: NP_003682.1

Protein GI: 4505837

Sequence:

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Ribosome S6 Protein Kinase (RS6PK)

Nucleotide Accession No. NM_004755

GI: 4759051

Sequence:

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Protein ID: NP_004746.1

Protein GI: 4759052

Sequence:

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Tousled-like kinase 2 (TLK2, TLK2A, TLK2B)

Nucleotide Accession No. AF162667

GI: 6063018

Sequence:

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3001 tttgaaaga atacatttg tcataaagt aaaccggtat tagcaagtac gaggcaatgt
3061 tcatccaat cagatgcagc ttctcctcc gtctggtctc ctgttgcaa ttgcttcct
3121 catctcagta gggaaaaaa tgagtgggag tactgagatg tgtgggttt tgccattgga
3181 caaagaatga ggtagaaga ctgcagctg gagtctctt aggtttcaa ctattcttc
3241 acaattgaa cactgacgg ttgtccctt taattattt gaagtctat tttttaaat
3301 aaagggtcat ctgtccatgc aaaaaaa

Protein ID: AAF03095.1

Protein GI: 3063019

Sequence:

MEELHSLDPRRQELLEARFTGVGVSKGPLNSESSNQSLCSVGSL
SDKEVETPEKKQNDQRNRKRKAEPYETSQGKGTPRGHKISDYFEFAGGSAPGTSPGRS
VPPVARSSPQHSLSNPLPRRVEQPLYGLDGSAAKEATEEQSALPTLMSVMLAKPRLDT
EQLAQRGAGLCFTFVSAQQNSPSSSTGSGNTEHSCSSQKQISIQHRRTQSDLTIEKISA
LENSKNSDLEKKEGRIDDLLRANCDLRRQIDEQQKMLEKYKERLNRCVTMSKKLLIEK
SKQEKMALCRDKSMQDRLRLGHFTTVRHGASFTEQWTDGYAFQNLKQQRINSQREEI
ERQRKMLAKRKPPAMGQAPPATNEQKQRKSKTNGAENETLTLAEYHEQEEIFKLRLGH
LKKEEAEIQAELERLERVRNLHIRELKRIHNEDNSQFKDHPTLNDRYLLHLLGRGGF
SEVYKAFDLTEQRYVAVKIHQLNKNWRDEKKENYHKHACREYRIHKELDHPRIVKLYD
YFSLDTSFCTVLEYCEGNLDFYLKQHKLMSEKEARSIIMQIVNALKYLNEIKPPII
HYDLKPGNILLVNGTACGEIKITDFGLSKIMDDSYNSVDGMELTSQGAGTYWYLPPE
CFVVGKEPPKISNKVDVWSVGVIIFYQCLYGRKPFGHNQSQQDILQENTILKATEVQFP
PKPVVTPEAKAFIRRCCLAYRKRDIDVQQLACDPYLLPHIRKSVSTSSPAGAAIASTS
GASNNSSN"

Ethanolamine Kinase (EKI/ EKI1)

Nucleotide Accession No. NM_018638

GI: 21071078

Sequence:

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1 gtgaccggag gcgagaaacc ccgcctcggc accctgacgc agcgaggag ccgccccgcg
 61 cgtgacgccg gcgtagggcc agccccggca tgctctcgg ccgccccgcg tccagctccg
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181 tcggcaacag tgccgcctcc agacgttctc ctgcgctcg ccgccccgc cagcgcccc
241 cagccctccc gcgagggcgc cccgggacgg aaggatccac cagtctgtc gcgccccgcg
301 ttctcgtggt cgccgtcgcc gtcgtcgtgg tggtagtct ccgctcgcc tgggccatgg
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1621 agaaatatac ctactgctat ccgtatgtgg tggattagaa atgtgtaaa tctgcaaaag
1681 gtataaagat gtcagtttaa ttctttgat aatttaacct atgtgtatg tgaattatt
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1801 gcaatgaaaa tgtcccaaat aagttttta agtttactt taataagatt aatttcagta
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1921 ttactcttg aaatgccagt cattgactga ttagataat ttaggatttt catataaaaa
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2221 a
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Protein ID: NP_061108.2

Protein GI: 10092615

Sequence:

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MLCGRPRSSSDNRNFLRERAGLSSAAVQTRIGNSAASRRSPAAR
PPVPAPPALPRGRPGTEGSTLSAPAVLVAVAVVVVVSAVAVAMANYIHVPPGSPE
VPKLNVTVDQEEHRCREGALSLLQHLRPHWDPQEVTLQLFTDGITNKLIGCYVGNTM
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EDVVLVRIYGNKTELLVDRDEEVKSFRVLQAHGCAPQLYCTFNNGLCYEFIQGEALDP
KHVCNPAIFRLIARQLAKIHAIHAHNGWIPKSNLWLKMGKYFSLIPTGFADEDINKRF
LSDIPSSQILQEEMTWMKEILSNLGSPPVVLCHNDLLCKNIIYNEKQGDVQFIDYEYS
YNYLAYDIGNHFNEFAGVSDVDYSLYPDRELQSQWLRAYLEAYKEFKGFGTEVTEKEV
EILFIQVNQFALASHFFWGLWALIQAKYSTIEFDLGYAIVRFNQYFKMKPEVTALKV
PE

MAP kinase-interacting serine/threonine kinase1 (MKNK)

Nucleotide Accession No. NM_003684

GI: 21361100

Sequence:

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1 ggcacgaggg cgaccgctcc ccggcgggag ccagcgaagg ttccatgtc agaggccgat
  61 ggagaactga agattgccac ctacgcacaa aggccattga gacacttctg gtagctggaa
 121 gacaccaact tcttgacagg agctttattt catttgggat tcaagttta cagatggtat
 181 ctctcaaaa gttggaaaaa cctatagaga tgggcagtag cgaacccctt cccatcgag
 241 atggtgacag gaggaggaag aagaagcggg ggggccgggc cactgactcc ttgccaggaa
 301 agttgaaga tatgtacaag ctgacctctg aattgcttgg agaggagcc tatgcaaag
 361 ttcaagggtc cgtgagccta cagaatggca aagagtatgc cgtcaaaatc atcgagaaac
 421 aagcagggca cagtcggagt aggggtgttc gagagggtga gacgctgtat cagtgtcagg
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 601 atgagcgaga agccagccga gtggtgcggg acgttgctgc tgccctgac ttctgcata
 661 ccaaagacaa agtctctctc tgtacactag gctggagtgc tatggcgcca tcagggtcta
 721 ctgcagcccc aacctccctg ggctccagtg atcctccac ctacgctcc caagtagctg
 781 ggactacagg cattgctcat cgtgatctga aaccagaaaa tatattgtgt gaatctccag
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1561 cagcactctg aaatgtcca gtcacacctt ataggcccta ggctggcca ggcattgtcc
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2221 gctgctaaag tcagtagtat cgtttttta aaaaaaagt ttggtgttt taacctgct
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2281 gttccagcaa agatgatacc ttaaactccc actgcaagcc catgaacttc ccagagagtg
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2401 attattctga tttaagctg ttctgtgat gaacttagag acagcatcgg tgtctgctgc
2461 tgtgtcccca ggtcttgtgt ggggtgcaca gatctgggca gttagatagt gctctgtgcc
2521 taagggtgaag ccacactagg gtgaagcctc acttccctgt ttgagcaatg cagtgcctgc
2581 tgcccgtgtg catgaaggta cagccattca gataagtga actattgagt tacataaaga
2641 aaatagattt gcatttgtca ggcagacgtt tatacaacac cacgggtgctt ttatacattg
2701 tgcttatltt aataaaactg aaattctaaa aaaaaaaaaa aaaaaa

Protein ID: NP_003675.2

Protein GI: 21361101

Sequence:

MVSSQKLEKPIEMGSSEPLPIADGDRRRKKKRRGRATDSLPGKF
EDMYKLTSELLGEGAYAKVQGA VSLQNGKEYAVKIIKQAGHSRVRVFREVELTYQCQ
GNKNILELIEFFEDDTRFYLVFEKLQGSILAHIQKQKHFNEREASRVVRDVAALDF
LHTKDKVSLCHLGSAMAPSGLTAAPTSLGSSDPPTSASQVAGTTGIAHRDLKPENIL
CESPEKVSPVKICDFDLGSGMKLNNSCTPITTPELTTPCGSAEYMAPEVVEVFTDQAT
FYDKRCDLWSLGVVLYIMLSGYPPFVGHCGADCGWDRGEVCRVCQNKLFESIQEGKYE
FPDKDWAHISSEAKDLISKLLVRDAKQRLSAAQVLQHPWVQGQAPEKGLPTPQVLQRN
SSTMDLTLFAEAIALNRQLSQHEENELAEPEALADGLCSMKLSPPCKSRLARRRAL
AQAGRGEDRSPPTAL

Homo sapiens cDNA (FLJ20559, UK, UKH)

Nucleotide Accession No. NM_017881

GI: 8923529

Sequence:

1 aaaggggcct ctggtgaccg cccctacctg gcatccctct aaccaggag gagcgtggg
61 aaaggggctg tgggcctctc ggggagcgag ctgcgggtag cggcgactg ggtacaggcg
121 cgcgcttggc tgtcgctctc tccgctgtgt ttggaggac tcgaactggc gccaggaaat
181 attaggaagc tgtgatttcc aaagctaatt atgaaaacat ttatcattgg aatcagtgg
241 gtgacaaaca gtggcaaaac aacactggct aagaatttgc agaaacacct cccaaattgc
301 agtgcatac ctcaggatga ttcttcaag ccagagctcg agatagagac agataaaaat
361 ggatttttgc agtacgatgt gctgaagca ctaacatgg aaaaaatgat gtcagccatt
421 tctgtctgga tggaaagcgc aagacactct gtggtatcaa cagaccagga aagtgtctgag
481 gaaatccca tttaatacat cgaaggtttt ctcttttta attataagcc ccttgacact
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601 acaagggctc atcagcctcc agactctccg ggatactttg atggccatgt gtggcccatg
661 tatctaaagt acagacaaga aatgcaggac atcacatggg aagtttgtga cctggatgga
721 acaaaaatcg aagaggacct cttttgcaa gtatatgaag atctaataca agaactagca
781 aagcaaaagt gtttgcaagt gacagcataa agacggaaca caacaaatcc ttctgaagt
841 gaattaggaa actccaagga gtaatttaag aacctcacc aagatacaat gtatactgtg
901 gtacaatgac agccattgtt tcatatgttt gatttttatt gcacatggtt ttccaacat

961 gtggaacaat aaatatccat gccaatggac aggactgtac cttagcaagt tgctccctct
1021 ccaggagcg catagataca gcagagctca cagtgtgtca gaaagtctcc actttctgaa
1081 catagctcta taacaatgat tgtcaaactt ttctaactgg agctcagagt aagaaataaa
1141 gattacatca caatccaaaa aaaaaaaaaa aa

Protein ID: NP_060351.1

Protein GI: 8923530

Sequence:

MKTFIIGISGVTNSGKTTLAKNLQKHLPNCSVISQDDFFKPESE
IETDKNGFLQYDVLALNMEKMMSAISCWME SARHSVVSTDQESAE EIPILIEGFL
FNYKPLDTIWNRSYFLTIPYEECKRRRSTRVYQPPDSPGYFDGHVWPMYLYRQEMQD
ITWEVVYLDGTKSEEDLFLQVYEDLIQELAKQKCLQVTA

Homo sapiens cDNA (FLJ13351, FLJ13)

Nucleotide Accession No. AK023413

GI: 10435341

Sequence:

1 gctggaaccc ggcgccgaga gtagagaaaa ggggcctctg gtgaccgccc ctacctggca
61 tccctctaac ccaggaggag cgtggggaaa ggggctgtgg gcctctcggg gagcgagctg
121 cgggtagcgg cgcactgggt acaggcgcg ccttggtgt cgcctctgcc gctgtgttg
181 ggaggactcg aactggcgcc aggaaatatt aggaagctgt gatttcaaa gctaattatg
241 aaaacattta tcattggaat cagtgggtgt acaaacagtg gcaaaacaac actggctaag
301 aattgcaga aacacctccc aaattgcagt gtcatatctc aggatgattt ctcaagcca
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421 aacatgaaa aaatgatgc agccatttcc tgctggatgg aaagcgcaag acactctgtg
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1561 ggaacacaac aaatccttcc tgaagtgaat taggaaactc caaggagtaa ttaagaacc
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Protein ID: -

Protein GI:-

Sequence:-

N-terminal kinase-like (Telomerase associated; NTKL)

Nucleotide Accession No. AF225424

GI: 9963850

Sequence:

1 cagccgagca agcaaaaatt ctccaggag ctgagcaaga gcctggacgc attccctgag
61 gattctgtcg gcacaagggt ctgcccagc tgctgaccgc ctctgagttc ggcaatgctg
121 gggccgtgtg ctcacgccc ctctcaagg tgggaagtt cctgagcgct gaggagtac
181 agcagaagat catccctgtg gtgtcaaga tgtctcatc cactgaccgg gccatgcga
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901 cgcacccaac cactgcccc acagaaacca acattccca aagaccagc cgtcctgcac
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1321 cctgtctgca cgtcccagca ccagccgag gccagactct tggggtgagg acaactgga
1381 gggcctcgag actgacagtc gacaggtcaa ggctgagctg gcccgaaga agcgcgagga
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1501 gctgggagcc cggaagctgg actgaaccgt ggcggtggcc ctcccggct gcggagagcc
1561 cgccccacag atgtatttat tgtacaaacc atgtgagccc ggccggccca gccaggccat
1621 ctacgtgta cataatcaga gccacaataa attctatttc aaaaaaaaaa aaaaaaaaaa
1681 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa
1741 aaaaaaaaaa aaaaaaaaaa

Protein ID: AAG09726.1

Protein GI: 9963851

Sequence:

MFSSTDRAMRIRLLQQMEQFIQYLDEPTVNTQIFPHVHGFLLDT
NPAIREQTVKSMMLLAPKLNEANLNVELMKHFARLQAKDEQGPIRCNTTVCLGKIGSY
LSASTRHRVLTSAFSRATRDPFAPSRVAGVLGFAATHNLYSMNDCAQKILPVLGCLTV
DPEKSVRDQAFKAFRSFLSKLESVSEDPTQLEEEVEKDVHAASSPGMGGAASWAGWAW
TGVSSLTSKLIRSHPTTAPTETNIPQRPSRPARRPLGDAGGGQGHSRGQHC

CDC42-binding protein kinase beta (DMPK-like; CDC42, CDC42BPK)

Nucleotide Accession No. NM_006035

GI: 16357473

Sequence:

1 gggcggggct gagggcgggc gggcggggcc gcccgagctg ggagggcggc ggcggcgagg
61 ggaggagagc ggcccatgga cccgcggggc cggcgcccc agactctgcg ccgtcgggac
121 ggagcccaag atgtcggcct aggcggggc gcgacgacgc ggacggggcg gcgaggaggc
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 6781 aa

Protein ID: NP_006026.2

Protein GI: 16357474

Sequence:

MSAKVRLKKLEQLLLDGPWRNESALSVETLLDLVCLYTECSHS
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 DFKKHAFEGNLNENIRNLEAPYIPDVSSPSDTSNFDVDDDVLNTEILPPGSHTGFS
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Ribokinase (RSBK)

Nucleotide Accession No. AJ404857

GI: 10799802

Sequence:

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Protein ID: CAC12877.1

Protein GI: 10799803

Sequence:

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FYLAYYPNLSLEDMLNRSNFIAAVSVQAAGTQSSYPYKKDLPLTLF

G-protein-coupled receptor (EDG6)

Nucleotide Accession No. NM_003775

GI: 4503458

Sequence:

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Protein ID: NP_003766.1

Protein GI: 4503459

Sequence:

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Diacylglycerol kinase (DAGK)

Nucleotide Accession No. L38707

GI: 606756

Sequence:

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2641 gaatccgat tggccagggt tctacttcc gattacgct cctcaaggcc accccggtg
2701 aggtggacg ggagccctg gtcaggccc cggggcacat gatcatctca gctgtggc
2761 ctaagtgca catgtgagg aaggccaagc agaagccgag gaggccggg accaccagg
2821 atgcccggc ggatcgtgc cctgccctg agagcatcc taggtaggg tggctgggg
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2881 agcccaaggg ctgagccat ctctgctccc gccagcctg tttcaggtg gtctggaggc
2941 agctccacgt cacacagtgg ctgtcatata ttgaagttac ctccactg gaaaaaaaaat

Protein ID: AAA98749.1

Protein GI: 606757

Sequence:

MAAAAEPGARAWLGGGSPRPGSPACSPVLGSGGRARPGPGPGPG
RDRAGGVRARARAAPGHSFRKVTLTkPTFCHLCSDFIWGLAGFLCDVCNFMSEKCLK
HVRIPCTSVAPSLVRVPVAHCFGPRGLHKRKFCAVCRKVLEAPALHCEVCELHLHPDC
VPFACSDCRQCHQDGHQDHDTHHHHWREGNLPGARCEVCRKTCGSSDVLAVRCEWC
GVQAHSLCSAALAPCEGFGRLRSLVLPACVRLLPGGFSKTQSFRIVEAAEPGEGGDG
ADGSAAVGPGRETQATPESGKQTLKIFDGDDAVRRSQFRLVTVSRLAGAEVLEAALR
AHHIPEDPGHLELCRLPPSSQACDAWAGGKAGSAVISEEGRSPGSGEATPEAWVIRAL
PRAQEVVKIYPGWLVGVAYVSVRVTPKSTARSVVLEVLPLLGRQAESPESFQLVEVA
MGRHVQRTMLMDEQPLLDRLQDIRQMSVRQVSQTRFYVAESRDVAPHVSLFVGGGLPP
GLSPEEYSSLLHEAGATKATVVSVSHIYSSQGAVLDVACFAEAERLYMLLKDMAVRG
RLLTALVLPDLLHAKLPPDSCPLLVFVNPKSGGLKGRDLLCSFRKLLNPHQVFDLTNG
GPLPGLHLFSQVPCFRVLVCGGDGTGVWVLGALEETRYRLACPEPSVAILPLGTGNDL
GRVLRWGAGYSGEDPFSVLLSVDEADAVLMDRWITLLDAHEAGSAENDTADAEPKIV
QMSNYCGIGIDAELSLDFHQAREEEPGKFTSRLHNKGVYVRVGLQKISHSRSLHKQIR
LQVERQEVELPSIEGLIFINIPSWGSGADLWGSDDTRFEKPRMDDGLLEVGVGTGVV
HMGQVQGGRLRGIRIAQGSYFRVTLLKATPVQVDGEPWVQAPGHMIIAAGPKVHMLR
KAKQKPRRAGTTRDARADRAPAPESDPR

G protein-coupled receptor 12 (GPR12, GPCR12)

Nucleotide Accession No. U18548

GI: 604499

Sequence:

1 aagcttgtag catttgtagc tggtagtga gcaggggctg gctttctgtt tgtctgtgtg
61 tttttgcat gatctggat tgcacccctg ctgtattaa acattaaaaa gcctgtctt
121 tcgtgaaga ggacaggggt taaaatgaat gaagacctga aggtcaattt aagcgggctg
181 cctcgggatt atttagatgc cgctgctgcg gagaacatct cggctgctgt ctctcccg
241 gttcctgcg tagagccaga gctgagctc gtagtcaacc cctgggacat tgtctgtgt
301 acctcgggaa cctcatctc ctgtgaaaat gccattgtg tcctatcat ctccacaac
361 cccagcctgc gagcaccat gttcctgcta ataggcagcc tggctctgc agacctgctg
421 gccggcattg gactcatcac caatttgtt ttgcctacc tgcttcagtc agaagccacc
481 aagctggtca cgatcggcct cattgtcgcc tctttctg cctctgtctg cagctgtctg
541 gctatcactg ttgaccgcta cctctcactg tactacgctc tgacgtacca ttcggagagg
601 accgtcacgt ttacctatgt catgctcgtc atgctctggg ggacctccat ctgcctggg
661 ctgctgcccg tcatgggctg gaactgcctc cgagacgagt ccacctgcag cgtggtcaga
721 ccgctcacca agaacaacgc ggccatcctc tcgggtcct tctcttcat gtttcgctc
781 atgcttcagc tctacatcca gatctgtaag attgtgatga ggcacgcccc tcagatagcc
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901 ctggctatca tctgggggac gtttctgct tgctgtagc ctttcacct ctattcctg

961 atagcggatt acacctaccc ctccatctat acctacgcca cctcctgcc cgccacctac
1021 aattccatca tcaacctgt catatatgct ttcagaaacc aagagatcca gaaagcgctc
1081 tgttcattt gctgcggctg catcccgcc agtctcgccc agagagcgcg ctgcccagt
1141 gatgttagc accctgcac ccaggaggac tctgattta ccaagcatt ccactgcctg
1201 gccaaagtt gagatgctc cttgaattc

Protein ID: AAA91630.1

Protein GI: 604500

Sequence:

MNEDLKVNLSGLPRDYLDAAAAENISAAVSSSRVPAVEPEPELVV
NPWDIVLCTSGTLISCENAIIVLIIFHNPSLRAPMFLIGSLALADLLAGIGLITNFV
FAYLLQSEATKLVITIGLIVASFASVCSLLAITVDRYLSLYALTYHSERTVTFTYVM
LVMLWGTSICLGLLPVMGWNCLRDESTCSVVRPLTKNNAILSVSFLFMFALMLQLYI
QICKIVMRHAHQIALQHHFLATSHYVTRKGVSTLAILGTFAACWMPFTLYSLIADY
TYSIYTYATLLPATYNSIINPVIYAFRNQEIQKALCLICCGCIPSSLAQRARSPSDV

Cytokine Inducible Kinase (CNK, PRK)

Nucleotide Accession No. U56998

GI: 1488262

Sequence:

1 ccgctccga gtgccttgcg cggacctgag ctggagatgc tggccgggct accgacgtca
61 gaccccgggc gcctcatcac ggacccgcg agcgggcgca cctacctaa aggccgcttg
121 ttgggcaagg ggggcttgcg ccgctgtac gaggccactg acacagagac tggcagcgcc
181 tacgtgtga aagtcatccc gcagagccgc gtcgccaagc cgcatcagcg cgagaagatc
241 ctaaagtaga ttgagctgca ccgagacctg cagcaccgcc acatcgtgcg ttttcgcac
301 cactttgagg acgtgacaa catctacatt ttcttgagc tctgcagccg aaagtccctg
361 gccacatct ggaaggcccg gcacaccctg ttggagccag aagtgcgcta ctactgcgg
421 cagatcctt ctggcctcaa gtactgcac cagcgcggca tctgcaccg ggacctcaag
481 ttgggaaatt tttcatcac tgagaacatg gaactgaagg tgggggattt tgggctggca
541 gccgggttg agctccgga gcagaggaag aagaccatct gtggcaccac caactatgtg
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661 tgtgtcatgt acacgtgct ctgcgggagc cctcccttg agacggctga cctgaaggag
721 acgtaccgct gcatcaagca ggtcactac acgtgcctg ccagcctctc actgcctgcc
781 cggcagctcc tggccgcat ccttcgggcc tcaccccgag accgcccctc tattgaccag
841 atcctgcgcc atgacttct taccaagggc tacaccccg atcgactccc tatcagcagc
901 tgcgtgacag tccagacct gacacccccc aaccagcta ggagtctgt tgccaaagt
961 accaagagcc tctttggcag aaagaagaag agtaagaatc atgccaggga gagggatgag
1021 gtctccggtt tggtagcgg cctcatgagc acatccgttg gccatcagga tggcaggcca
1081 gaggtccag cagcttctg cccagcccct gtcagcctgg tagagacagc acctgaagac
1141 agctaccccc gtgggacact ggcaagcagt ggagatggat ttgaagaagg tctgactgtg
1201 gccacagtag tggagtcagc ctttgtgct ctgagaaatt gtatagcttt catgccccca
1261 gcggaacaga acccgggccc cctggcccag ccagagcctc tgggtgggt cagcaagtgg

1321 gttgactact ccaataagtt cggctttggg tatcaactgt ccagccgccg tgtggctgtg
1381 ctctcaacg atggcacaca tatggccctg tcggccaaca gaaagactgt gcactacaat
1441 cccaccagca caaagcactt ctcttctcc gtgggtgctg tgccccgggc cctgcagcct
1501 cagctgggta tcttgcggtta cttcgctcc tacatggagc agcacctcat gaagggtgga
1561 gatctgcca gtgtggaaga ggtagaggta cctgctccg ccttgctgct gcagtgggtc
1621 aagacggatc aggcctcct catgctgtt agtgatggca ctgtccaggt gaactctac
1681 ggggaccaca ccaagctgat tctcagtggc tgggagcccc tcctgtgac ttttgggcc
1741 cgaaatcgta gtgctgtac ttacctgct tccaccttc ggcagctggg ctgctctca
1801 gacctgcggc agcgactccg ctatgctctg cgctgtctc gggaccgcag cccagcttag
1861 gacccaagcc ctgaaggcct gaggcctgtg cctgtcaggc tctggccctt gcctttgtg
1921 ccttccccct tcctttgtg cctcactggg ggctttgggc cgaatcccc agggaatcag
1981 ggaccagctt tactggagtt gggggcggct tgtctcgtt ggctcctacc ccatctcaa
2041 gataagcctg agccttagct cccagctagg gggcgttatt tatggaccac tttatttat
2101 tgcagacac ttatttatg ggatgtgagc cccagggggc ctctcctag gataataaac
2161 aattttgca

Protein ID: AAC50637.1

Protein GI: 1488263

Sequence:

MLAGLPTSDPGRLITDPRSGRTYLKGRLLGKGGFARCYEATDTE
TGSAYAVKVIPQSRVAKPHQREKILNEIELHRDLQHRHIVRFSHHFEDADNIYIFLEL
CSRKSLAHIWKARHTLLEPEVRYYLRLQILSGLKYLHQRGILHRDLKLG NFFITENMEL
KVGDFGLAARLEPPEQRKKTICGTPNYVAPEVLLRQGHGPEADVWSLGCVMYTL CGS
PPFETADLKETYRCIKQVHYTLPASLSL PARQLLAAILRASPRDRPSIDQILRH DFFT
KGYTPDRLPISSCVTPDLTPPNPARSLFAKVT KSLFGRKKKSKNHAQERDEV SGLVS
GLMRTSVGHQDARPEAPAASGPAPVSLVETAPEDSSPRGTLASSGDGFEEGLTVATV
ESALCALRN CIAFMPPAEQNPAPLAQPEPLVWVSKWVDYSNKFGFGYQLSSRRVAVLF
NDGTHMAL SANRKT VHYNPTSTKHFSFSVGAVPRALQPQLGILRYFASYMEQHLMKGG
DLPSVEEVEVPAPPLLLQWVKTDQALLMLFSDGT VQVNFYGDHTKLILSGWEPLL VTF
VARNRSACTYLASHLRQLGCSPDLRQRLRYALRLLRDRSPA

Mitogen-activated protein kinase kinase 5 (MAPKK5)

Nucleotide Accession No. U71087

GI: 1616778

Sequence:

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1 cctcctaacc agcggccagt gggtttccca taccacagga tgtgagcctc ttaacctgt
61 aatgctgtgg ctagcccttg gccccttcc tgccatggag aaccagggtc tgtaattcg
121 catcaagatc ccaaatagtg gcgcggtgga ctggacagtg cactccgggc cgcagttact
181 cttcagggat gtgctggatg tgataggcca gttctgcct gaagcaacaa ctacagcatt
241 tgaatatgaa gatgaagatg gtgatcgaat tacagtgaga agtgatgagg aaatgaaggc
301 aatgctgtca tattattatt ccacagtaat ggaacagcaa gtaaattggac agttaataga
361 gcctctgcag atatttcaa gagcctgcaa gcctcctggg gaacggaaca tacatggcct
421 gaagggtgaat actcgggccc gaccctctca acacagcagc ccagcagtct cagattcact
481 tccaagcaat agctaaaga agtcttctgc tgaactgaaa aaaatactag ccaatggcca
541 gatgaatgaa caagacatac gatatcgga cactcttgg catggcaacg gaggcacagt
601 ctacaaagca tatcatgtcc cgagtgggaa aatattagct gtaaaggta tactactaga
661 tattacactg gaacttcaga agcaaattat gtctgaattg gaaattctt ataagtgcga
721 ttcatcatat alcattggat ttatggagc atttttgta gaaaacagga ttcaatatg
781 tacagaattc atggatgggg gatctttgga tttatatagg aaaatgccag aacatgtcct
841 tggagaagaa gcagtagcag ttgttaaagg cttacttat ttgtggagtt taaagatttt
901 acatagagac gtgaagccct ccaatatgct agtaaacaca agaggacagg ttaagctgtg
961 tgattttgga gtagcactc agctggtgaa ttctatagcc aagacgtatg ttgaacaaa
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1141 gaaaaaccag ggaatcttaa tgcctctcca gctctgcag tgcattgttg atgaggattc
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1441 gtaaccaagg agaacaacc acccgtagc cttctccgta tctgcctgc gccagaagag
1501 ctttgctggg ccctggttc cctgccctc cttcacctc ctgtcag
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Protein ID: AAB16851.1

Protein GI: 1616779

Sequence:

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MLWLALGPFAMENQVLVIRIKIPNSGAVDWTVHSGPQLLFRDV
LDVIGQVLPEATTTAFEYEDGDRITVRSDEEMKAMLSYYYSTVMEQQVNGQLIEPL
QIFPRACKPPGERNIHGLKVNTRAGPSQHSAPVSDSLPSNSLKKSSAELKKILANGQ
MNEQDIRYRDTLGHGNGGTVYKAYHVPKGILAVKVILLDITLELQKQIMSELEILYK
CDSSYIIGFYGAFFVENRISICTEFMDGGSGLDVYRKMPHVLGRIAVAVVKGLTYLWS
LKILHRDVKPSNMLVNTRGQVKLCDFGVSTQLVNSIAKTYVGTNAYMAPERISGEQYG
IHSDVWSLGISFMELALGRFPYPQIQKNQGSMLPLQLQCIVDEDSPVLPVGEFSEPF
VHFITQCMRKQPKERPAPPEELMGHPFIVQFNDGNAAVSMWVCRALEERRSQQGPP
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Phosphatidylinositol 4-kinase, catalytic, beta polypeptide (PI4KB/ T3 PI4KB)

Nucleotide Accession No. U81802

GI: 1894946

Sequence:

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1 gaagtccta tcagattaca ctgtgtgac tactccggag cagccactaa gagggatgaa
61 caggcctgcg tggaaattga atgagattag ttgagtccac gtcctatgag aatgctgaac
121 accatccaaa gcagcaaatt gagattcctt gatttgggga agaggtttg gaggaaccct
181 tcaataattg gcatgggaca agaggggacc cagtccaagt gtatttggga ctgcagtag
241 ggaggaacaa ttcagagaga gcttgaagc tcgaagtctg gctgtggcca tgggagatac
301 agtagtgag cctgccccct tgaagccaac ttctgagccc acttctggcc caccagggaa
361 taatgggggg tccctgctaa gtgtcatcac ggaggggggc ggggaactat cagtgatga
421 cctgaggtg gccagaagg cctgccagga ggtgttgag aaagtcaagc tttgcatgg
481 aggcgtggca gtcttagca gaggcacccc actggagtg gtcaatggg atgtgtgga
541 cagtgaatc cgttgcctag atgatccacc tgcccagatc agggaggagg aagatgagat
601 gggggccgct gtggcctcag gcacagccaa aggagcaaga agacggcggc agaacaactc
661 agctaaacag tcttgctgc tgaggctgt ttgagtaaaa ctgttgaca tctcatggc
721 cattcatatc ctgtataact ccaaggagcc tggagtacaa gcctacattg gcaaccggct
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901 gagcattaac tttccctcc agtgtccct gttgttggt gcctattct cagacatga
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2521 gttccttg ctccatggct ccagcaccat tcgaaacct aaagagagg tccacatgag
2581 catgactgag gagcagctg agctgtgtg ggagcagatg gtggatggca gtatgcggtc
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2701 tctcagccc aggagtgtg ggggttccag ggcacctcc ctgagggcc ctgtttgag
2761 aaaccccaaa ccaggaaacc ccactaccc aacctccac ccaagggaaa tggaaaggcaa
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2881 tgggttccag actgttggg gcttccctg cctctctgt ctgttcagt attaccacca
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3001 gggcctttc tctctgtg ggggtctc agaggttct tccacaggcc atcctctat
3061 tccgttct
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Protein ID: AAC51156.1

Protein GI: 1894947

Sequence:

MGDTVVEPAPLKPTSEPTSGPPGNNGGSLLSVITEGVGELSVID
PEVAQKACQEVLEKVKLLHGGVAVSSRGTPLELVNGDGV DSEIRCLDDPPAQIREED
EMGAAVASGTAKGARRRRQNNSAKQSWLLRLFESKLFDISMAISYLYNSKEPGVQAYI
GNRLFCFRNEDVD FYLPQLLNMYIHMDDEDVGDAIKPYIVHRCRQSINFSLQCALLVGA
YSSDMHISTQRHSRGTKLRKLILSDELKPAHRKRELPSLSPAPDTGLSPSKRTHQRSK
SDATASISLSSNLKRTASNPKVENED E P VRLAPEREFIKSLMAIGKRVVTLPTKEQKT
QRLISELSLLNHKL PARVWLSTAGFDHHVVRVPHTQAVVLNSKDKAPYLIYVEVLECE
NFDTTSPARIPENRIRSTRSVENLPECGITHEQRAGSFSTVPNYDNDDEAWSVDDIG
ELQVELPEVHTNSCDNISQFSVDSITSQESKEPVFIAAGDIRRRLSEQLAHTPTAFKR
DPEDPSAVALKEPWQEKVRRIREGSPYGHLPNWRLLSVIVKCGDDL RQELLAFQVLKQ
LQSIWEQERVPLWIKPYKILVISADSGMIEPVVNAVSIHQVKKQSQLSLLDYFLQEHG
SYTTEAFLSAQRNFVQSCAGYCLVCYLLQVKDRHNGNILLDAEGHIIHIDFGFILSSS
PRNLGFETSAFKLTTEFVDVMGGLDGDMFNYYKMLMLQGLIAARKHMDKV VQIVEIMQ
QGSQ L P C F H G S S T I R N L K E R F H M S M T E E Q L Q L L V E Q M V D G S M R S I T T K L Y D G F Q Y L T N
GIM

Fms-related tyrosine kinase 4 (FLT4)

Nucleotide Accession No. X69878

GI: 297049

Sequence:

1 acccagcgcg agcgggccgga gatgcagcgg ggcgcccgcg tgtgcctgcg actgtggctc
61 tgcttgggac tcctggacgg cctggtgagt gactactcca tgaccccccc gacctgaac
121 atcacggagg agtcacacgt catgcacacc ggtgacagcc tgtccatctc ctgcagggga
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301 aagggtgtgc tgctgcacga ggtacatgcc aacgacacag gcagctacgt ctgctactac
361 aagtacatca aggcacgcat cgagggcacc acggccgcca gtcctacgt gttcgtgaga
421 gactttgagc agccattcat caacaagcct gacacgctct tggtaacag gaaggacgcc
481 atgtgggtgc cctgtctggt gtccatcccc ggcctcaatg tcacgtgcg ctgcgaaagc
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1321 atctactcgc gtcacagccg ccaggccctc acctgcacgg cctacggggg gccctgcct
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Protein ID: CAA49505.1

Protein GI: 297050

Sequence:

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Protein serine kinase H1 (PSKH1)

Nucleotide Accession No. XM_0430447

GI: 22067477

Sequence:

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Protein ID: XP_043047.1

Protein GI: 14776113

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Inosito 1,4,5-triphosphate 3-kinase C (ITPKC)

Nucleotide Accession No. Y11999

GI: 1914774

Sequence:

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Protein ID: CAA72728.1

Protein GI: 1914775

Sequence:

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